MEDIVATORS®
REPROCESSING SYSTEMS

DSD-201 110 VAC
Illustrated Parts Guide

DSD-201™, DSD-201LT™

Endoscope Reprocessor
Domestic, U.S. only

Date: Jan 2010

MEDIVATORS®
REPROCESSING SYSTEMS

DSD-201 110 VAC
Illustrated Parts Guide

This document is designed to provide a quick reference to the major replacement parts and components for the DSD-201. It does not include some of the smaller items such as screws and washers.

To order parts or place a Technical Service call, contact Medivators Technical Support at 800-444-4729 Option 2.

Date: Jan 2010

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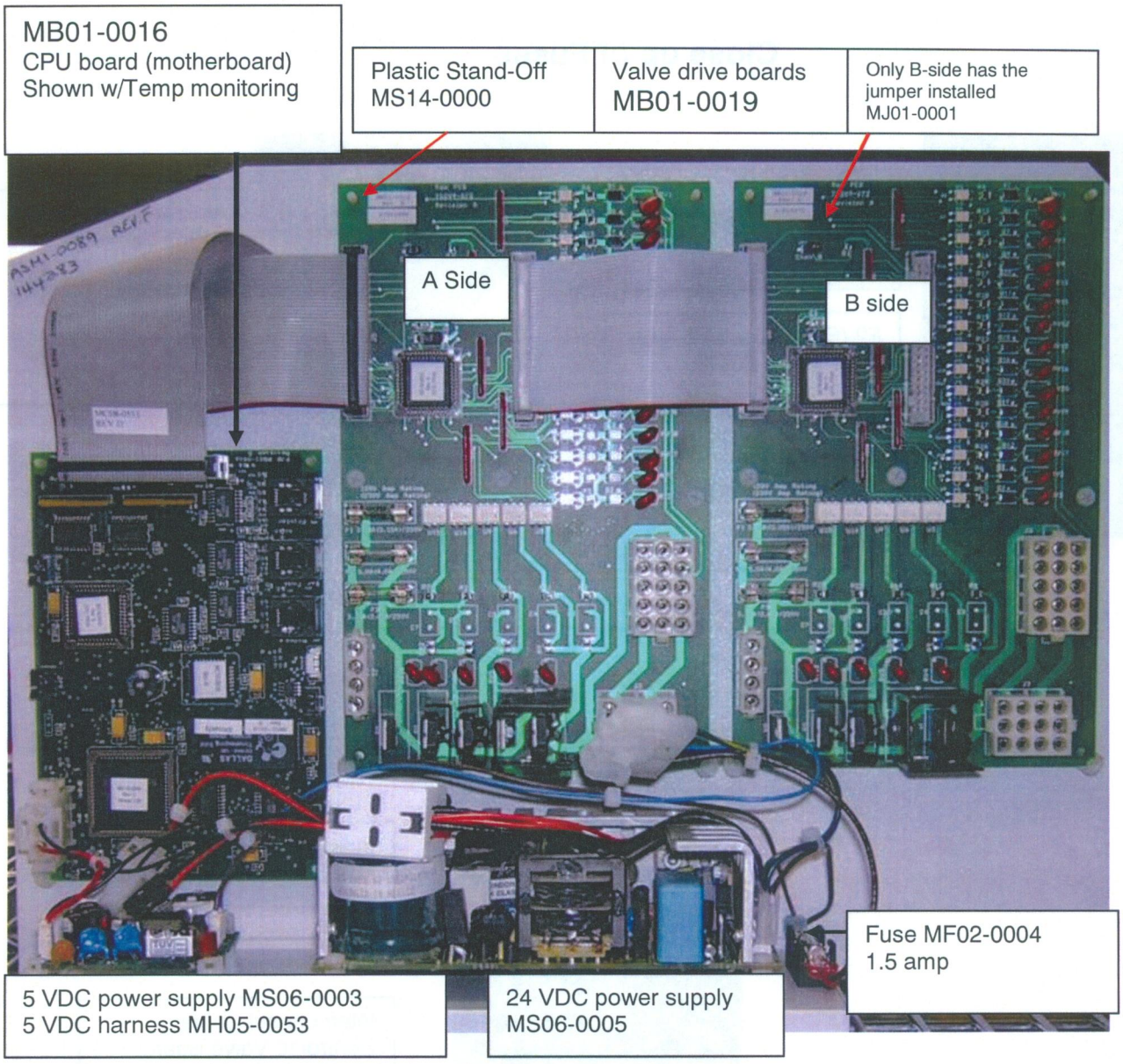
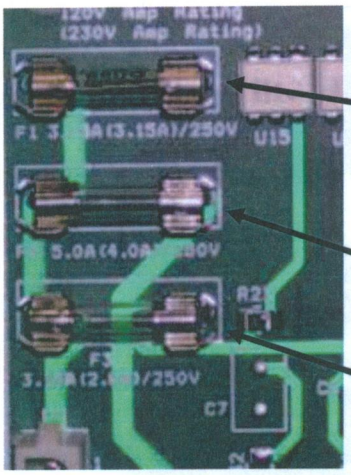
Electronic Circuit Boards & Accessories

Pg #	Item	Part Number
	PC Boards	
	CPU with Temperature Monitor	MB01-0016
	Digital I/O	MB01-0017
	Sensor	MB01-0018
	Leak Tester (S.I.T.)	MB01-0020
	Control Panel	MB01-0022
	Key Pad	36030-020
	Valve Drive	MB01-0019
	5VDC Power Supply	MS06-0003
	24VDC Power Supply	MS06-0005
	Cables	
	Digital Output / Sheath / Sensor	MC08-0510
	CPU / Valve / Do Ribbon	MC08-0511
	Valve Board Interconnect	MC08-0512
	Control Panel Bus Line	MC08-0508
	Main Harness Side A	MH05-0039
	Main Harness Side B	78398-871
	Fuses	
	Main fuse	
	1 ½ Amp	MF02-0004
	Valve Drive Board Fuses	
F1	3.15 Amp	MF02-0014
F2	5 Amp (110volt)	MF02-0017
F3	3.15	MF02-0014
	Air tank wiring harness fuse	
	6.25 amp	MF01-0018

Main electronic panel assy: ASM1-0089



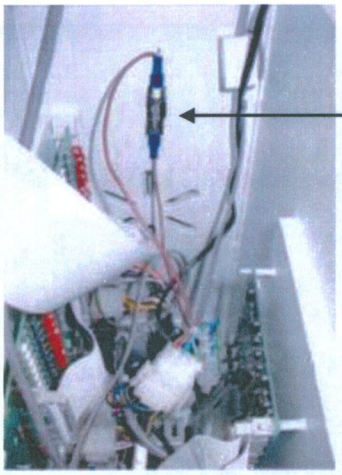
Close up of Fuses



F1 (Valves)
Fuse MF02-0014
3.15 amp

F2 (Pump/Comp) 5 amp
Fuse MF02-0017

F3 (Heater)
Fuse MF02-0014
3.15 amp



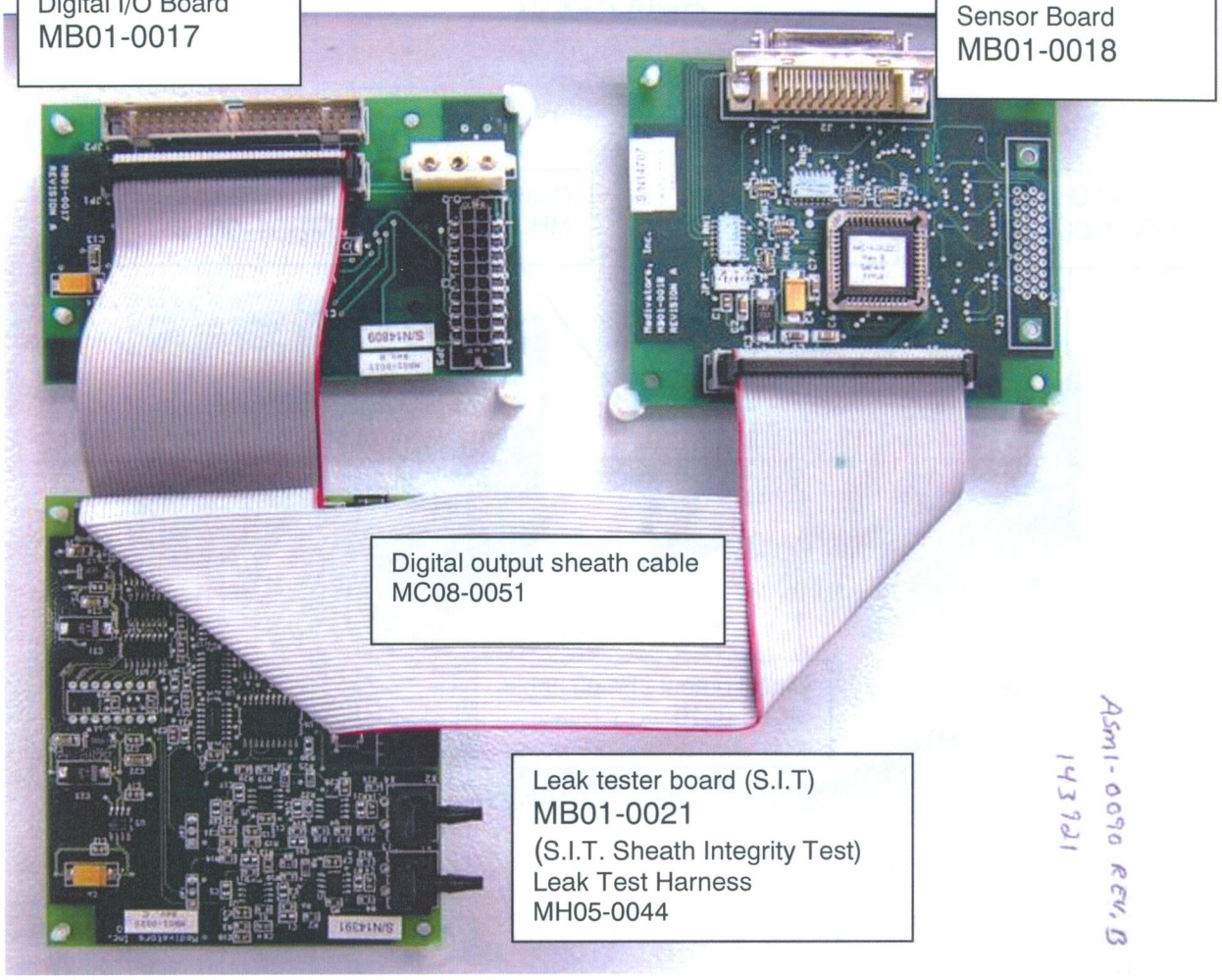
Air line pressure
switch harness
78398-481
6.25 Amps
Fuse MF02-0018

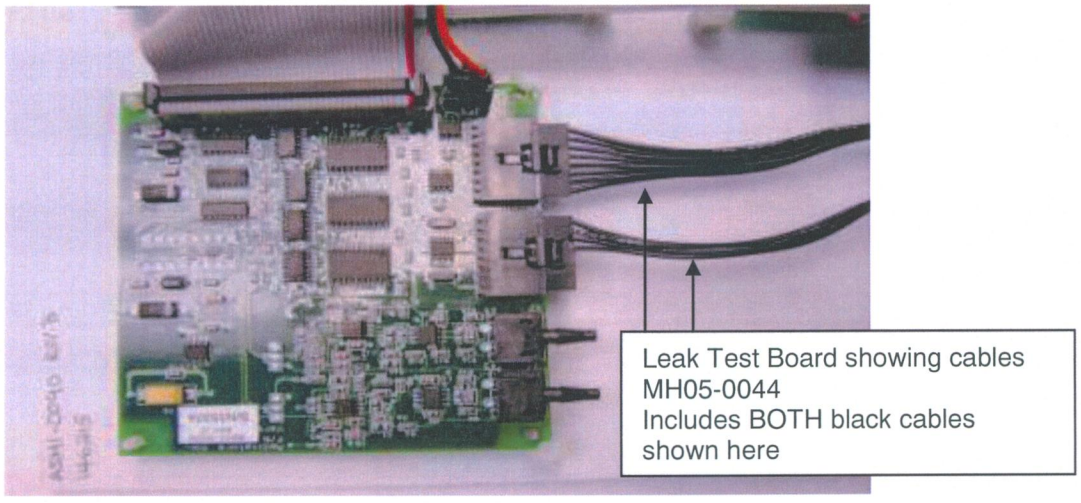
Indicator Light Cable
MH05-0045

Interconnect Cable:
Control to Valve Board
MC08-0508

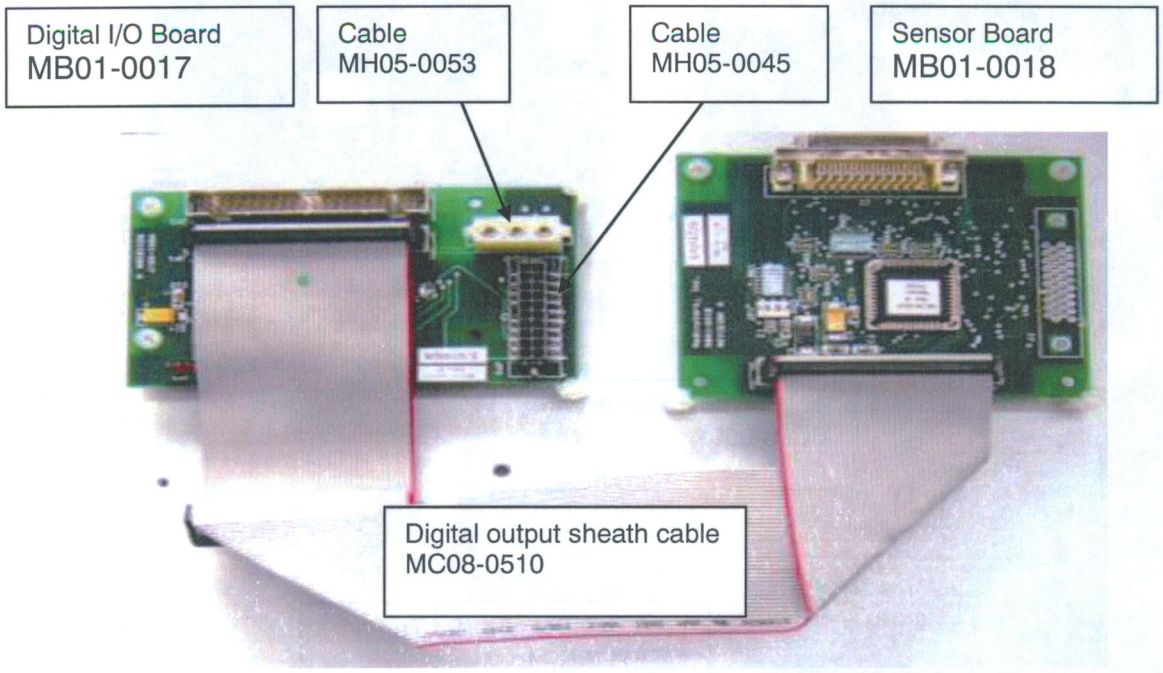
Secondary electronic assy: ASM1-0090

With Leak tester board.

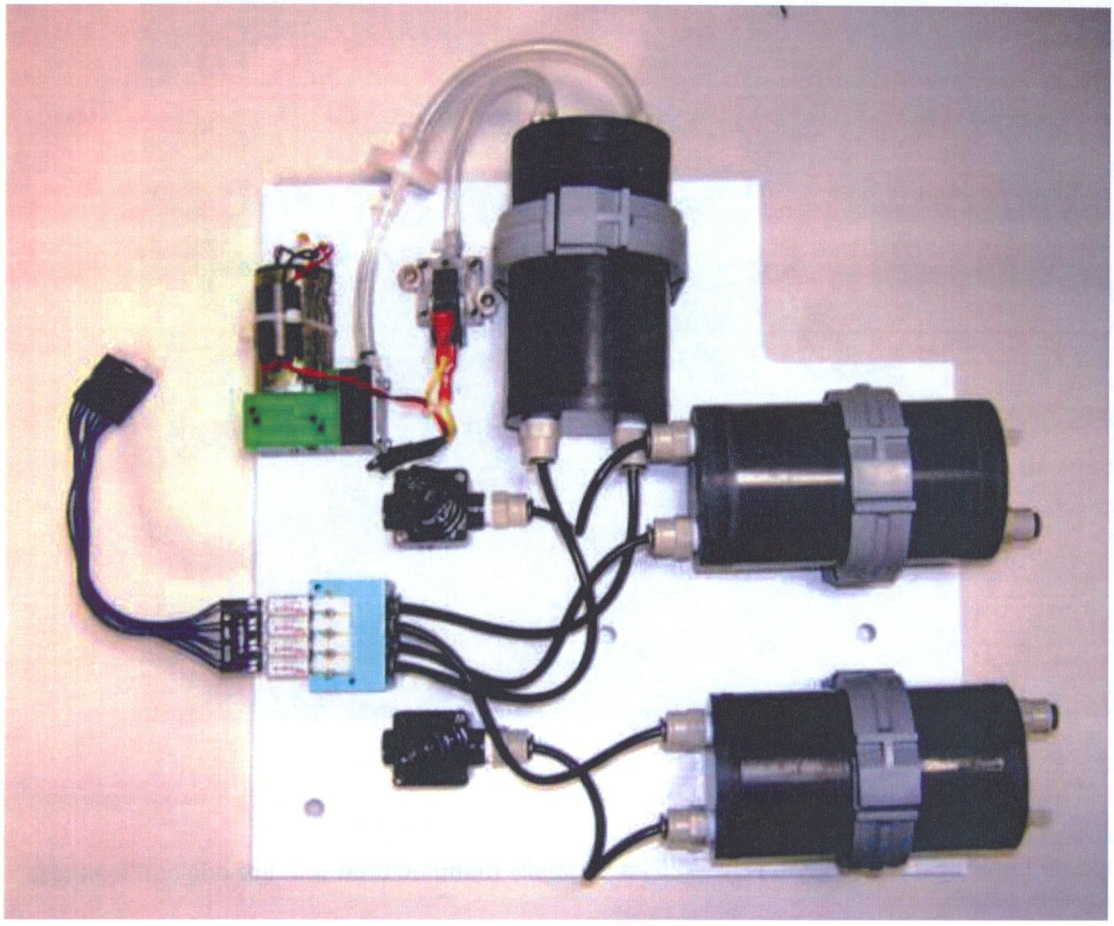




Secondary Electronic panel
Without Leak Tester bd.
ASM1-0207



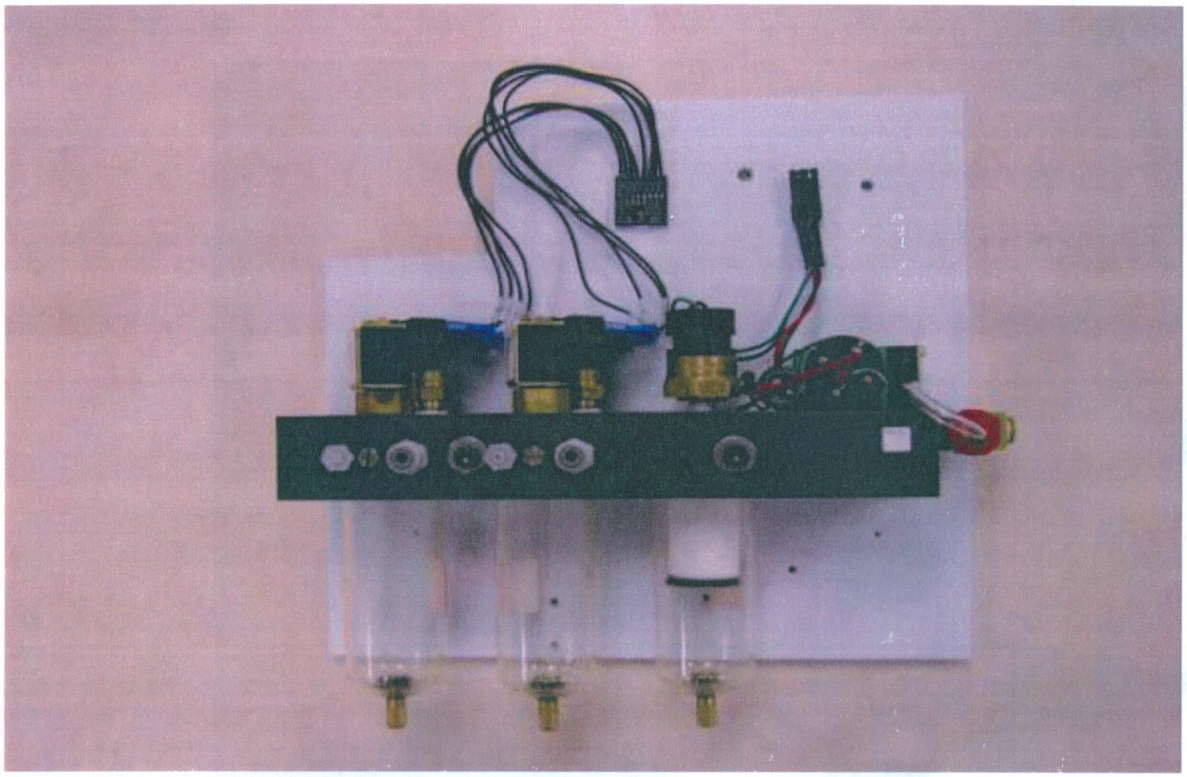
Leak Tester assembly: ASM1-0080 OBSOLETE



See next page for replacement

Second Generation Leak Test Assembly

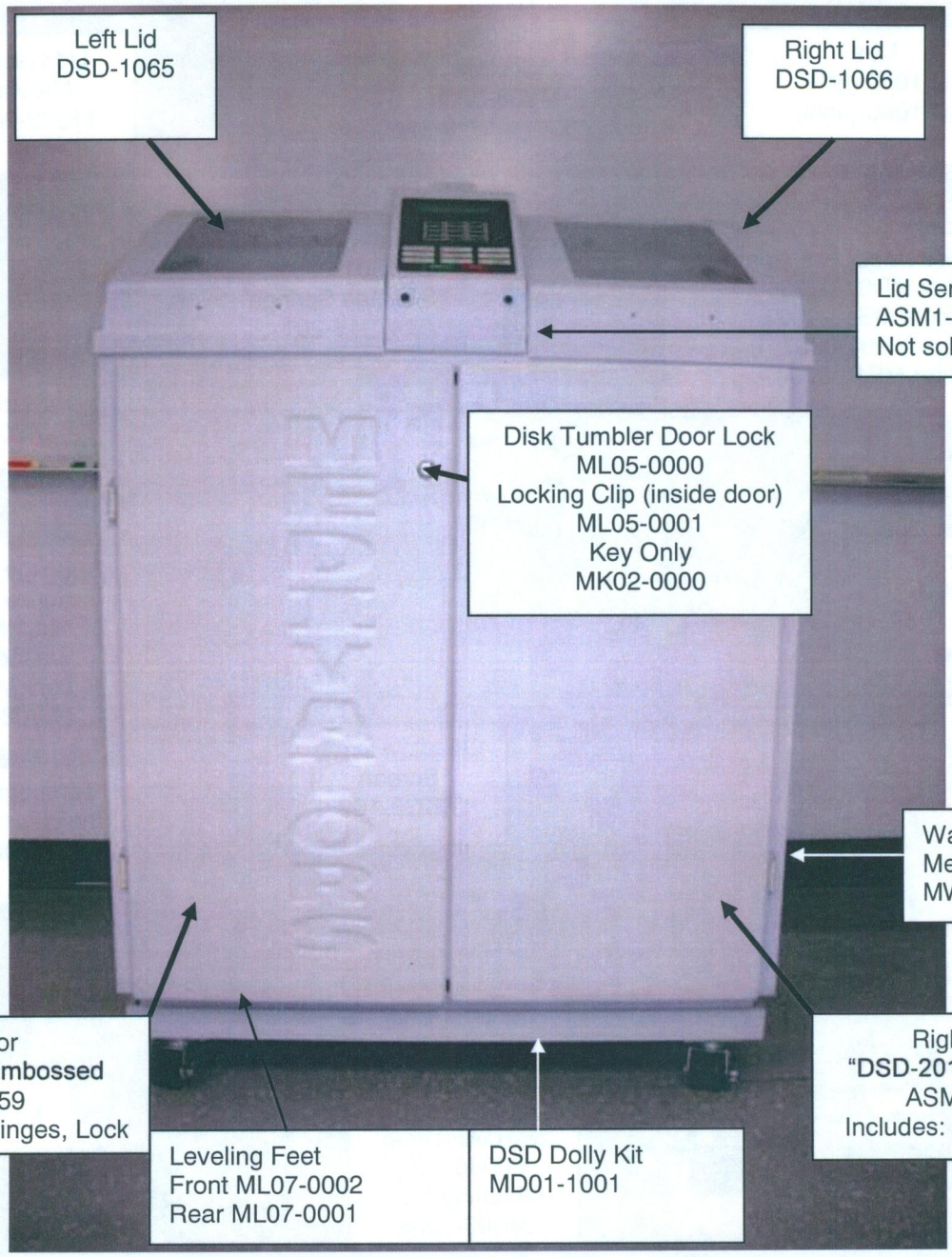
78399-461



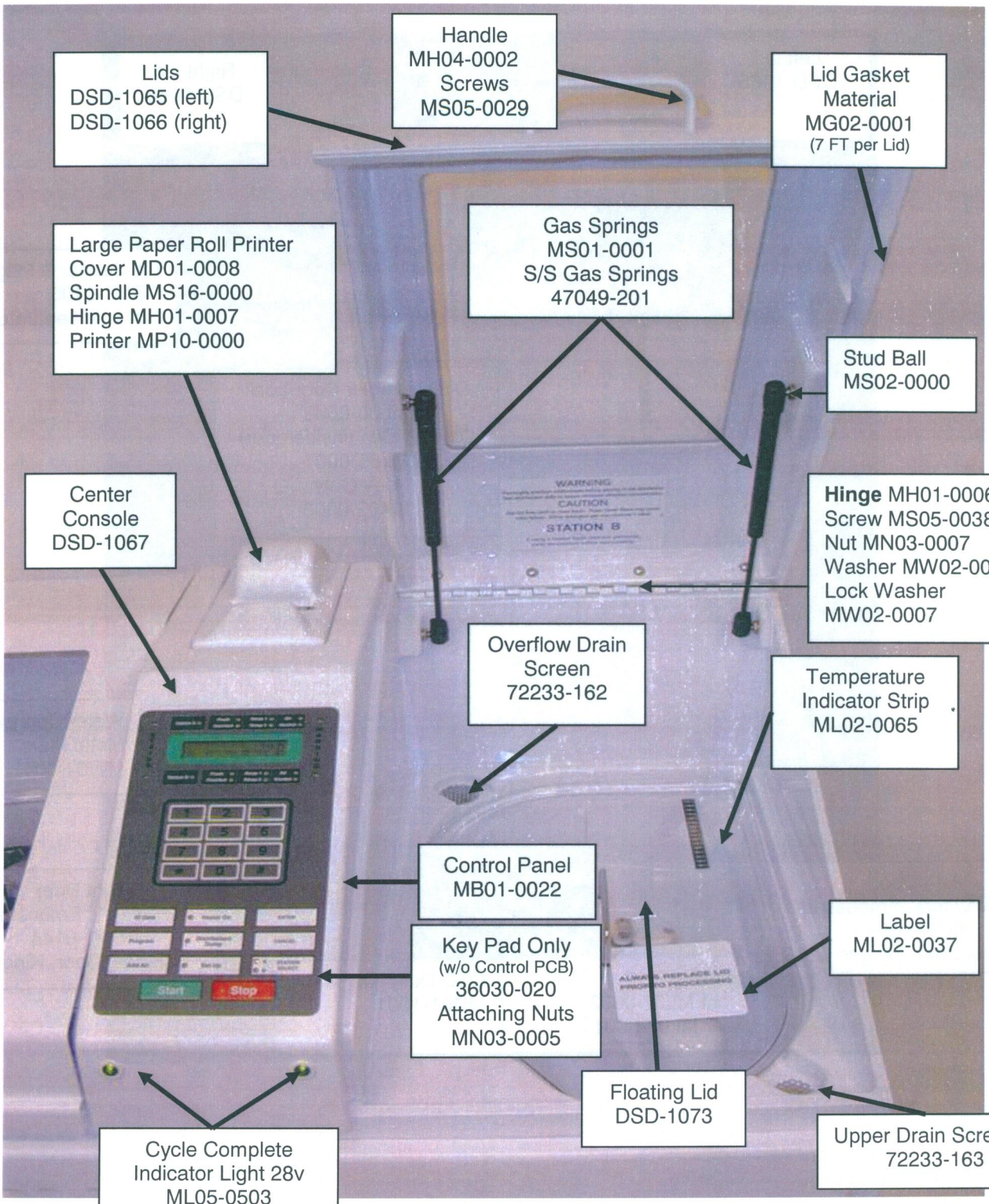
Retro Fit Kit: 78399-779

Use this part number to update Leak Test assembly on DSD-201's originally manufactured with the original" leak test assembly ASM1-0080 (previous page).

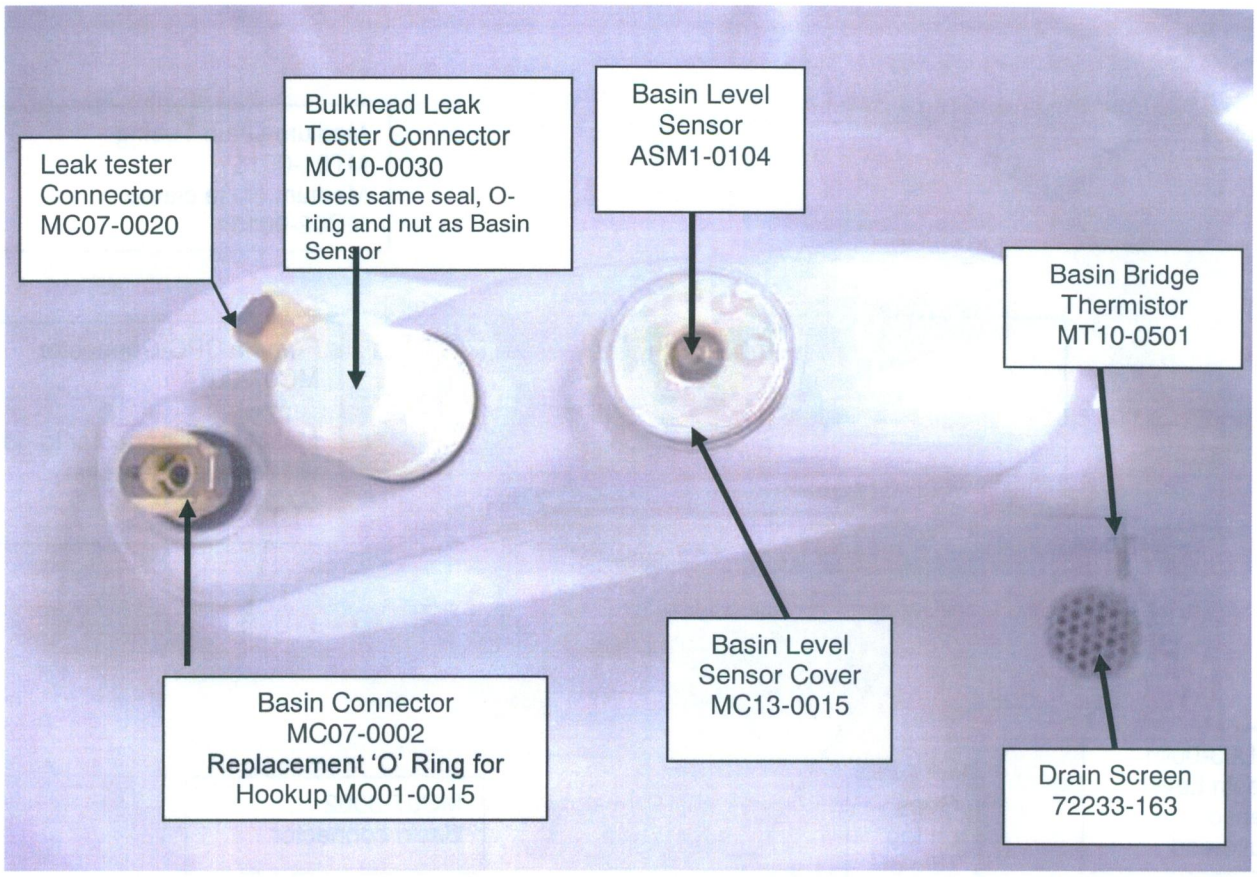
DSD Front View

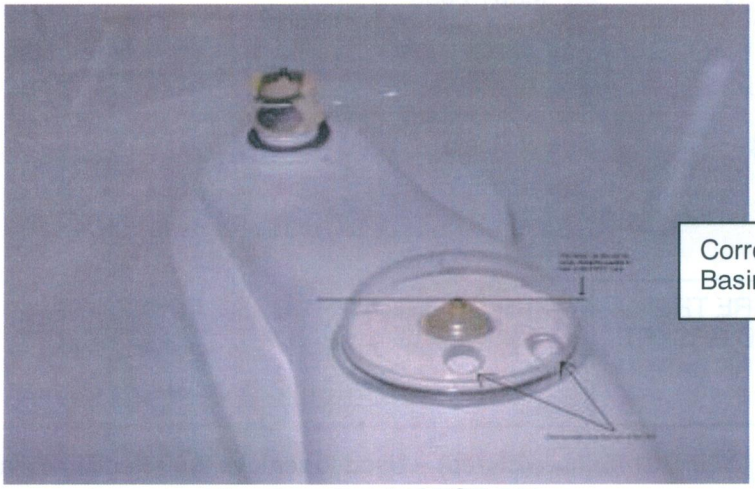


DSD Top View


Lids
DSD-1065 (left)
DSD-1066 (right)
Handle
MH04-0002
Screws
MS05-0029
Lid Gasket
Material
MG02-0001
(7 FT per Lid)
Large Paper Roll Printer
Cover MD01-0008
Spindle MS16-0000
Hinge MH01-0007
Printer MP10-0000
Gas Springs
MS01-0001
S/S Gas Springs
47049-201
Stud Ball
MS02-0000
Center
Console
DSD-1067
Hinge MH01-0006
Screw MS05-0038
Nut MN03-0007
Washer MW02-0006
Lock Washer
MW02-0007
Overflow Drain
Screen
72233-162
Temperature
Indicator Strip
ML02-0065
Control Panel
MB01-0022
Key Pad Only
(w/o Control PCB)
36030-020
Attaching Nuts
MN03-0005
Label
ML02-0037
Floating Lid
DSD-1073
Upper Drain Screen
72233-163
Cycle Complete
Indicator Light 28v
ML05-0503

Upper Basin – Top View

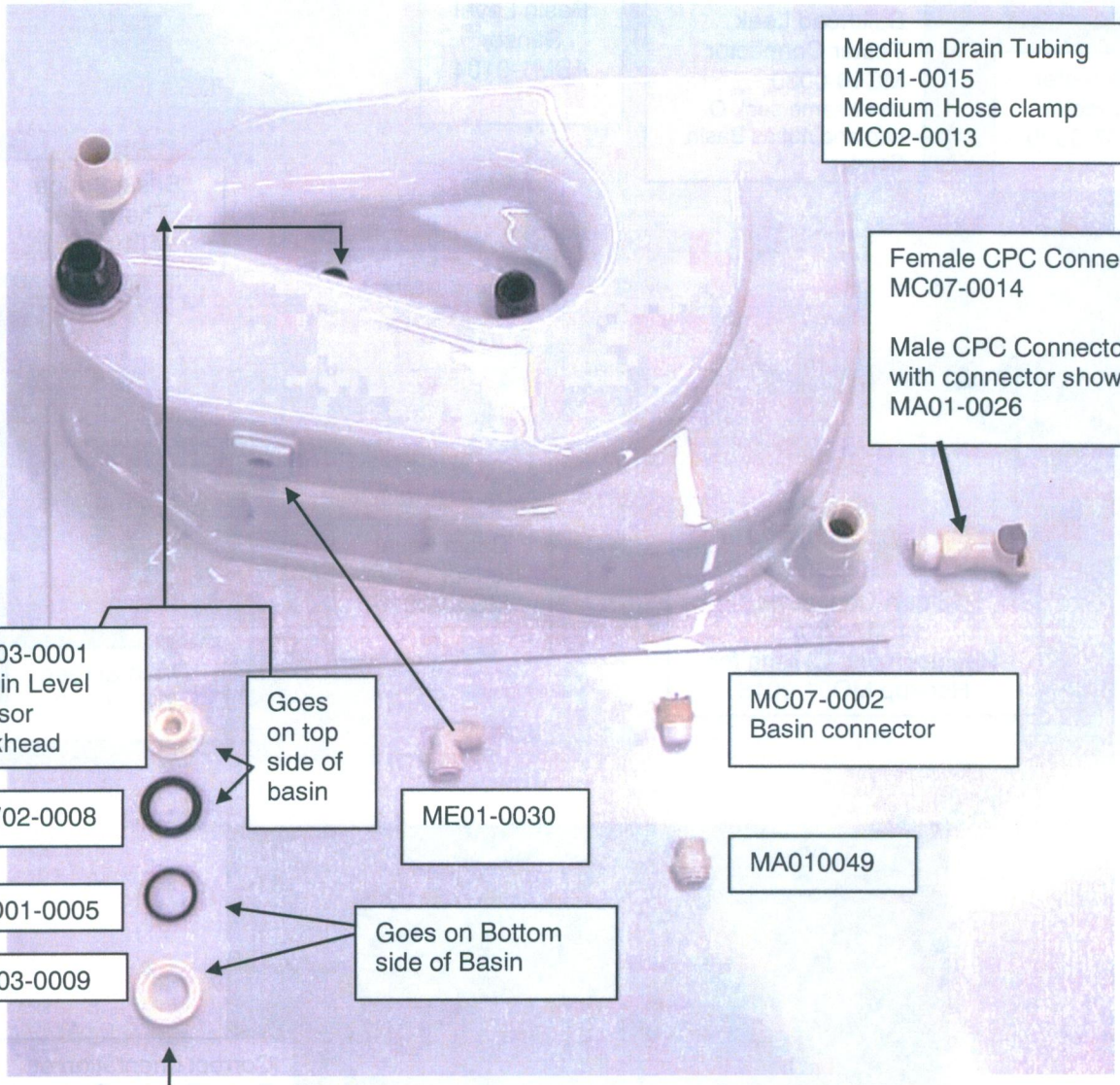

Leak tester Connector MC07-0020
Bulkhead Leak Tester Connector MC10-0030
Uses same seal, O-ring and nut as Basin Sensor
Basin Level Sensor ASM1-0104
Basin Bridge Thermistor MT10-0501
Basin Connector MC07-0002
Replacement 'O' Ring for Hookup MO01-0015
Basin Level Sensor Cover MC13-0015
Drain Screen 72233-163



View from Front of DSD-201

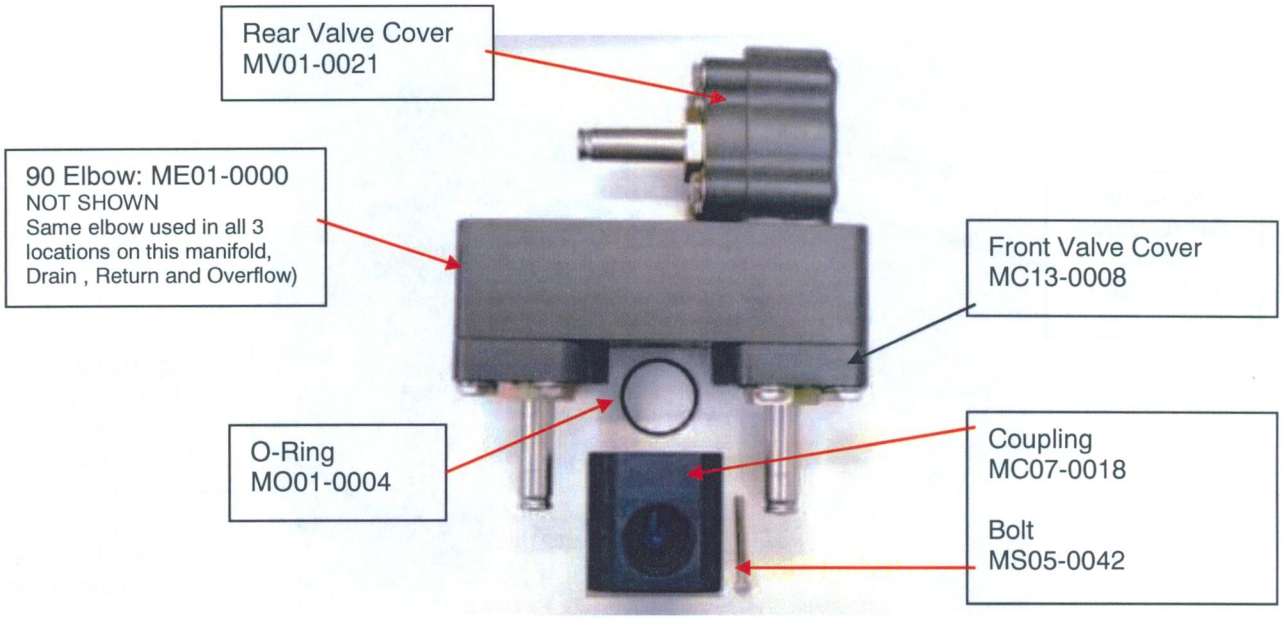
Basin Restrictor: ASM1-0137 (not pictured – used for loading, dumping LCG)

Basin, view from bottom

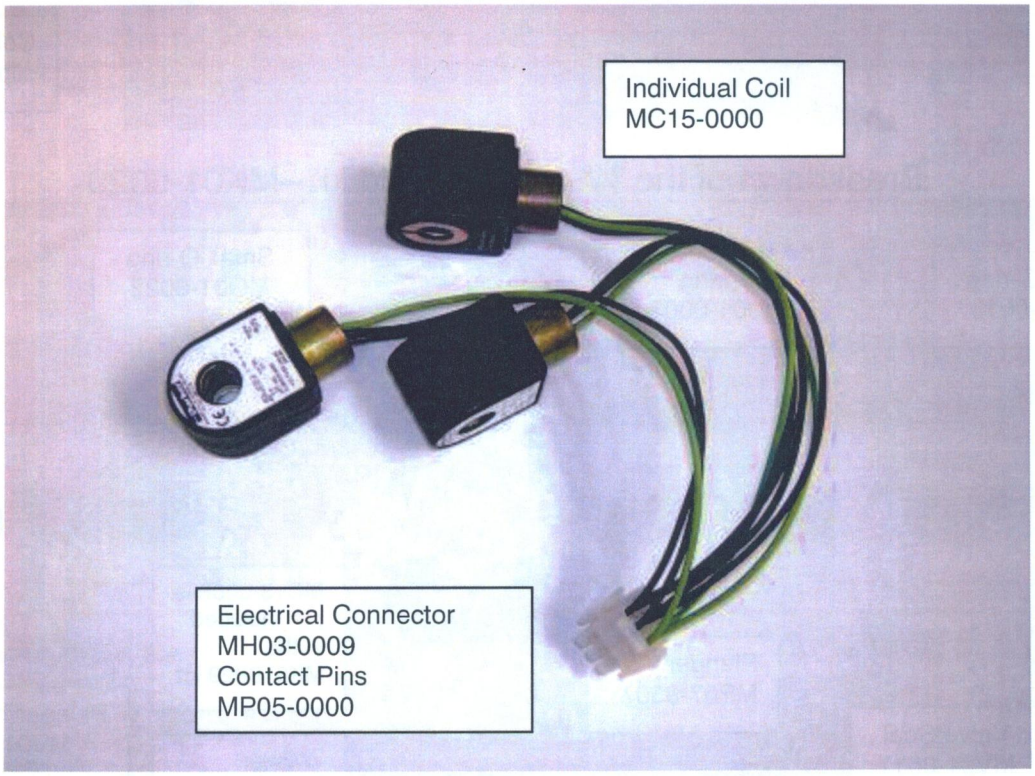


Basin Sensor Tool: ASM1-0145 (not pictured) – Used to remove the retention collar MN03-0009

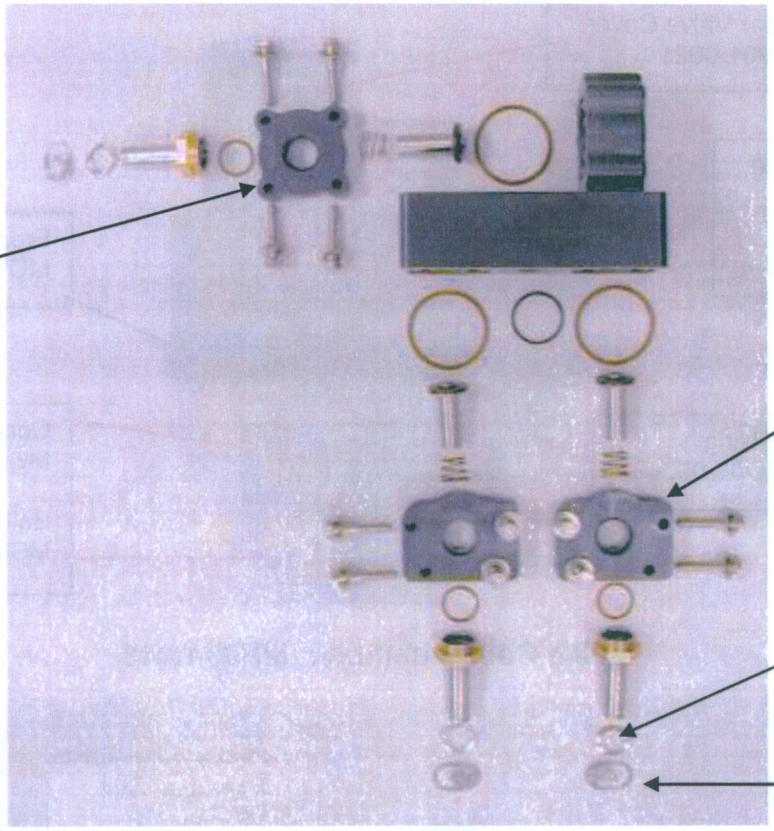
¾" Basin Drain Valve Manifold
First generation MV01-0022



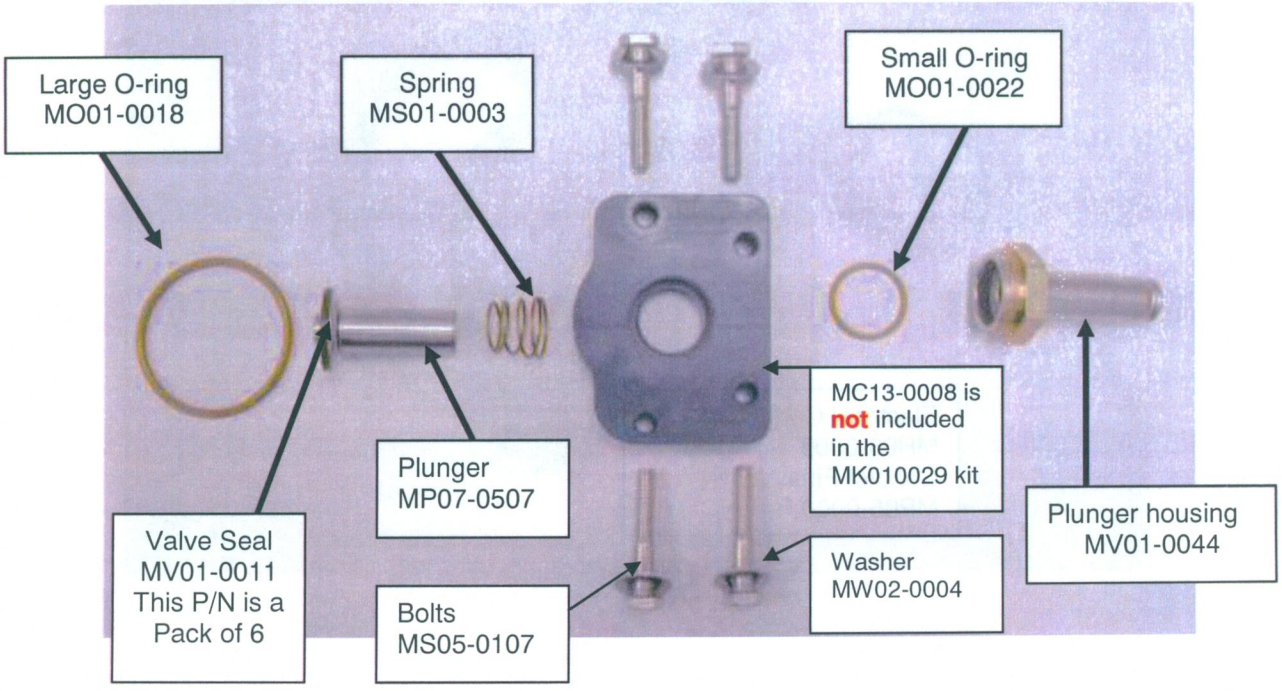
Valve Coil Assembly: MH05-0018



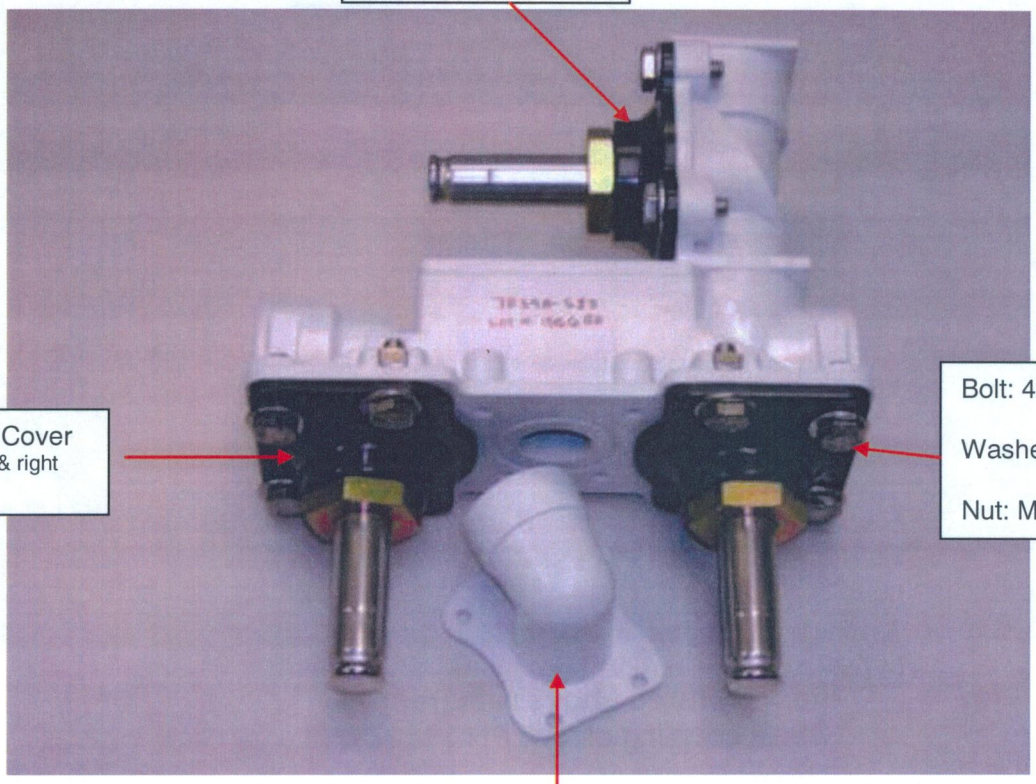
¾" Drain Valve Assembly Breakdown
MV01-0022


¾" Valve GPVC Valve Cover MV01-0021
¾" Valve GPVC Valve Cover MC13-0008
These 2 items are also a part of the
Wave washer: MW02-0019
Coil retention clip: MC02-0023

Breakdown of the ¾" valve rebuild kit –MK01-0029



¾" Basin Drain Valve Manifold
Second Generation
78398-583

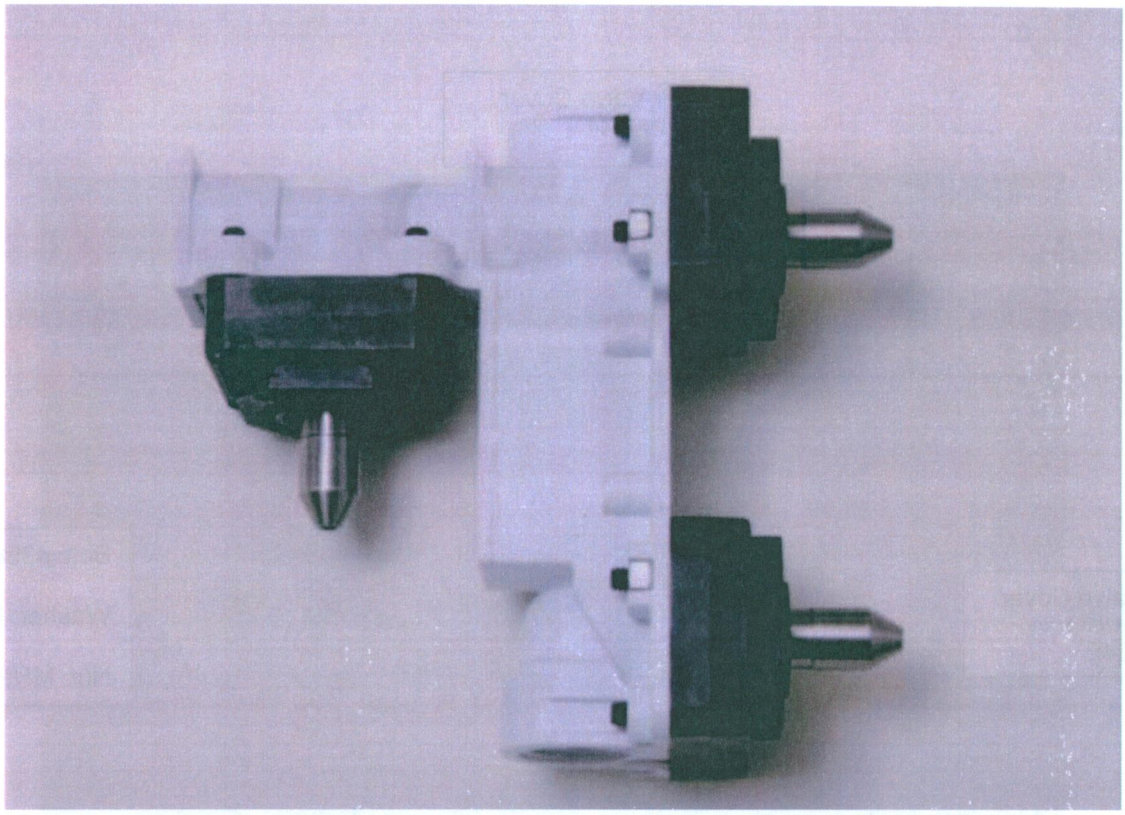


NOT PICTURED: The following hardware parts are used to attach the coupling to the manifold:

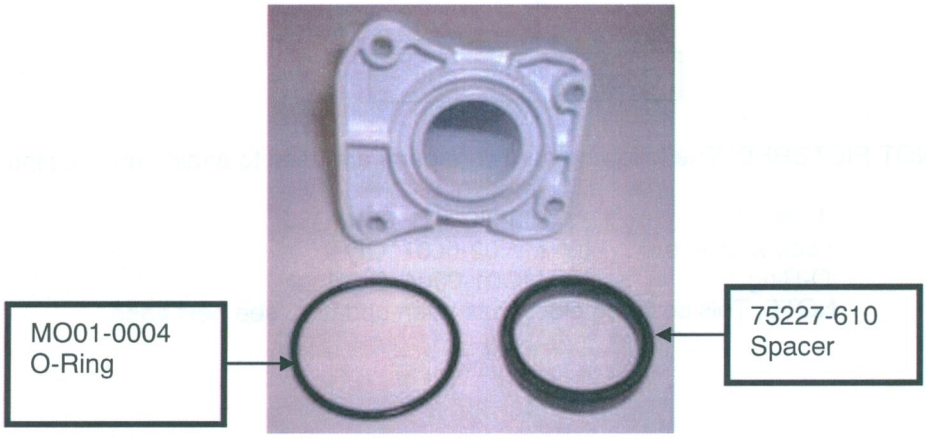
Bolts	43580-104 Qty 4
Lock Washers	MW02-0007 Qty 4
O-Ring	MO01-0004 Qty 1

NOTE: This coupling elbow has been updated, see next page.

¾" Basin Drain Valve Manifold
Third Generation (3G)
78400-333



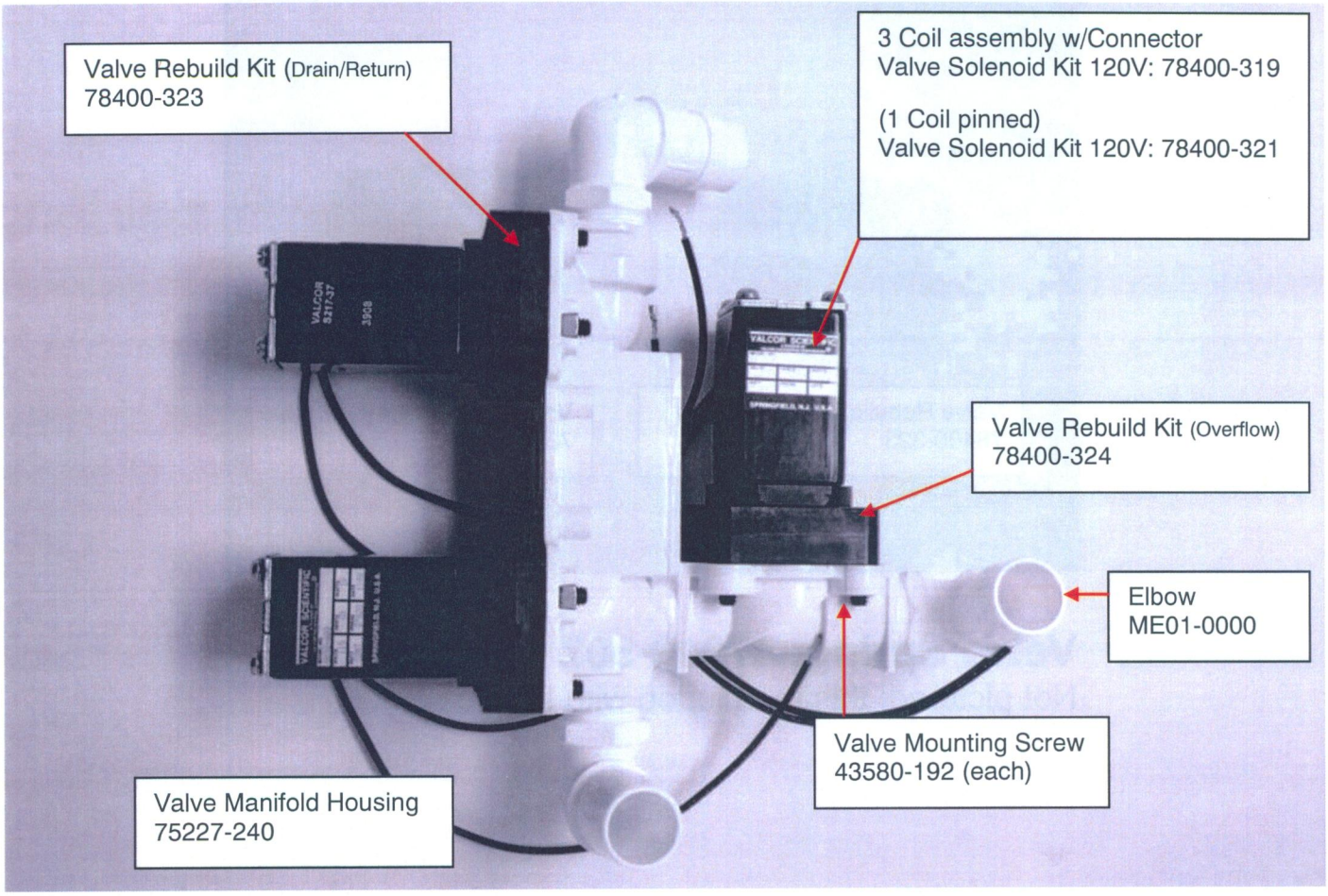
Item pictured above requires:
Basin coupling elbow: PN 75227-392



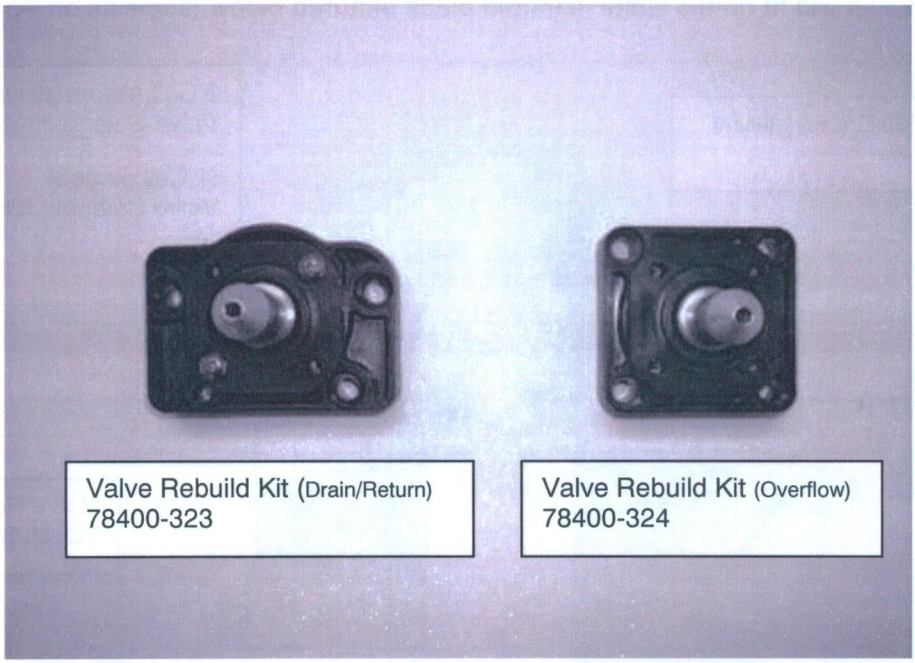
78400-317 Valve Kit

Includes Valves, Coils and Screws – DOES NOT include the Manifold

This kit will fit on the white manifold block pictured below (same as on Pg 17)



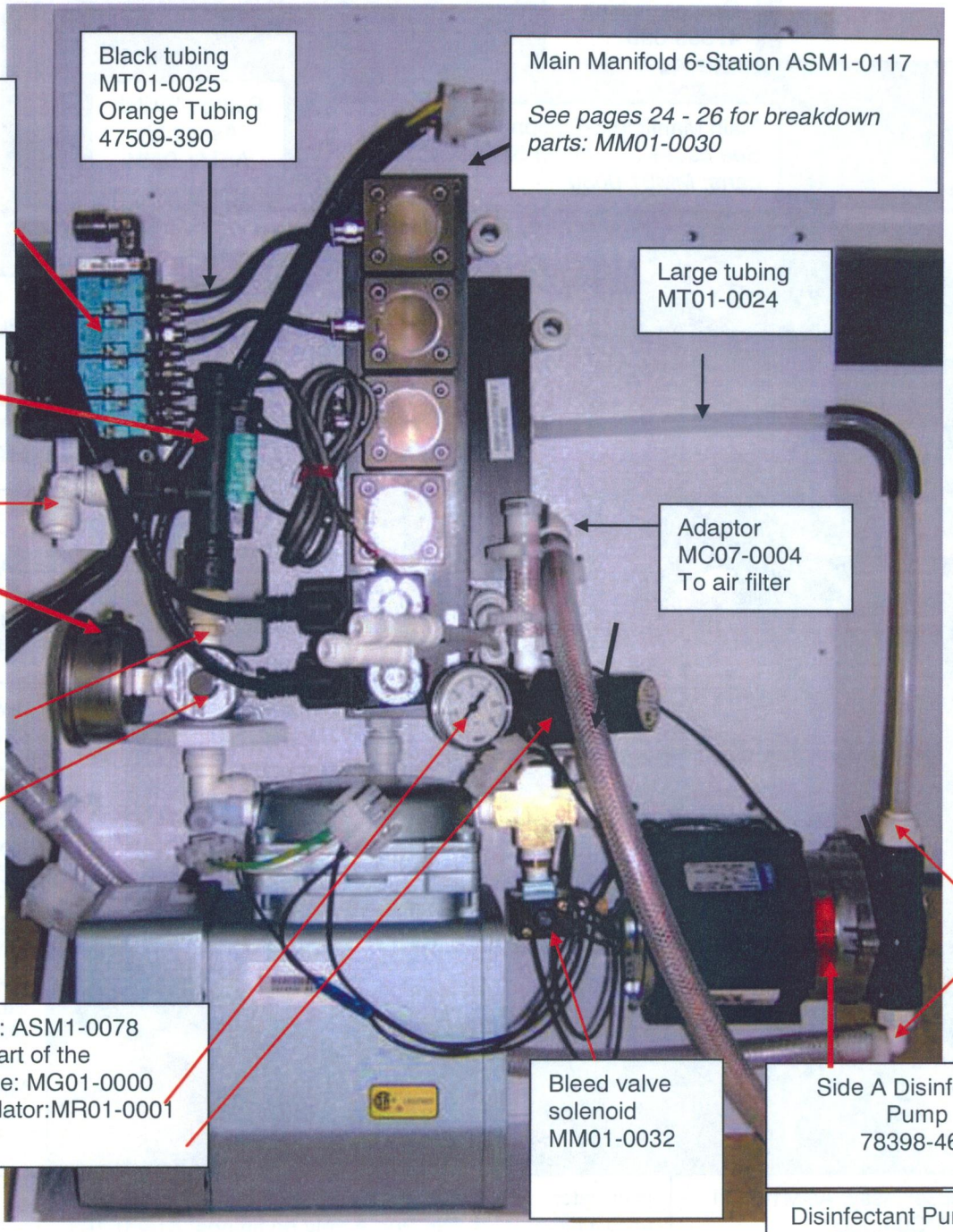
Valve Rebuild Kits



Valve Spring: 47049-507

Not pictured: this is included with the above kits

Station A Main Module Sub Assembly ASM1-0113



Air / Valve Manifold 4-Station MM01-0028 Individual MAC Valve replacement 41600-109

Black tubing MT01-0025 Orange Tubing 47509-390

Main Manifold 6-Station ASM1-0117

See pages 24 - 26 for breakdown parts: MM01-0030

Large tubing MT01-0024

Flow Sensor ASM1-0098

Elbow ME01-0026 Adaptor MA01-0026

Adaptor MC07-0004 To air filter

Regulator Assembly ASM1-0085

CPC Coupling Male:MC07-0007 Female: MC07-0019

SS Regulator Assembly ASM1-0085

Adaptor MA01-0049 Elbow ME01-0005

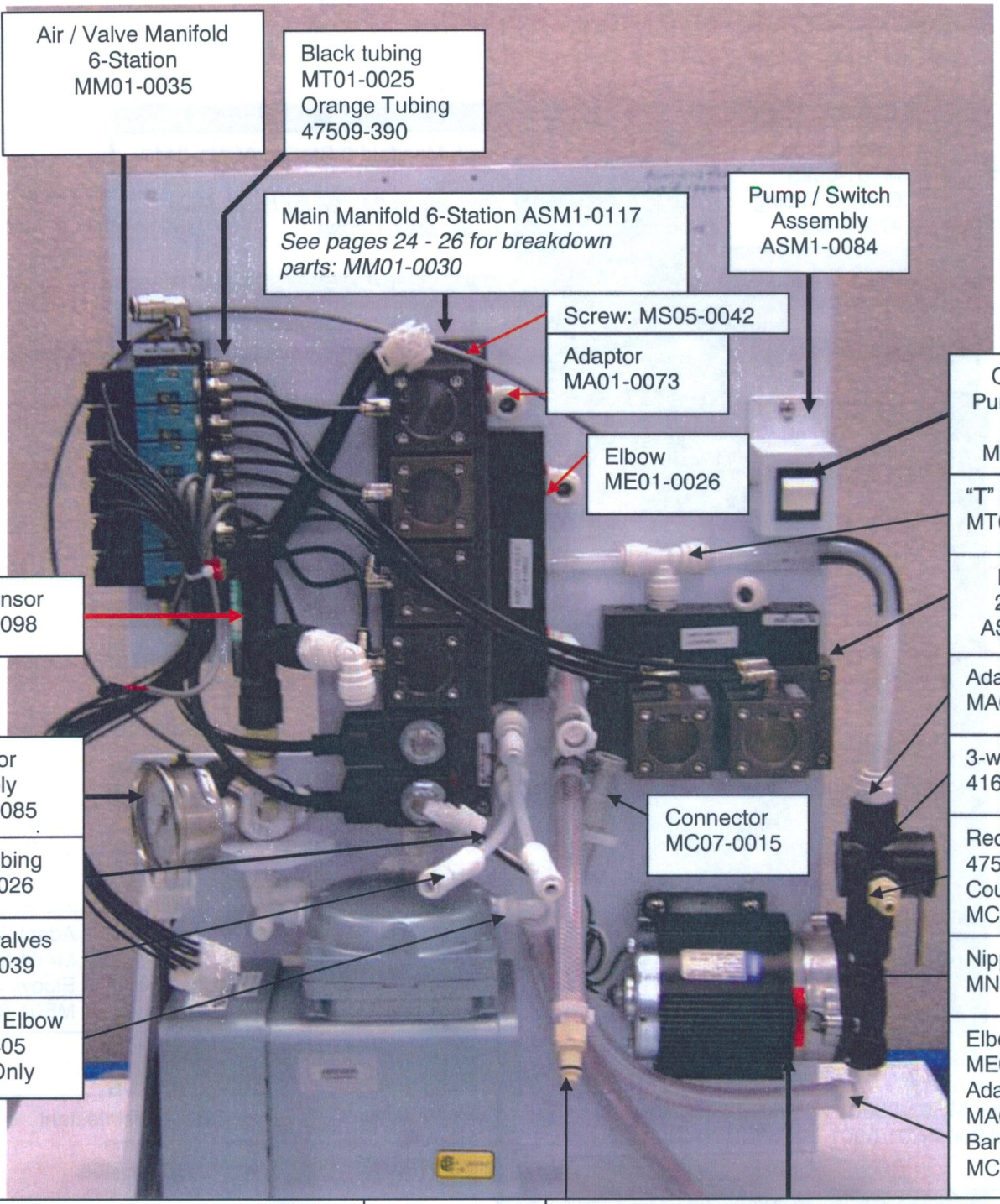
Air Compressor Assy: ASM1-0078
The following are a part of the assembly: Gauge: MG01-0000
Regulator:MR01-0001

Bleed valve solenoid MM01-0032

Side A Disinfectant Pump 78398-466

Disinfectant Pump head Replacement kit 47049-193

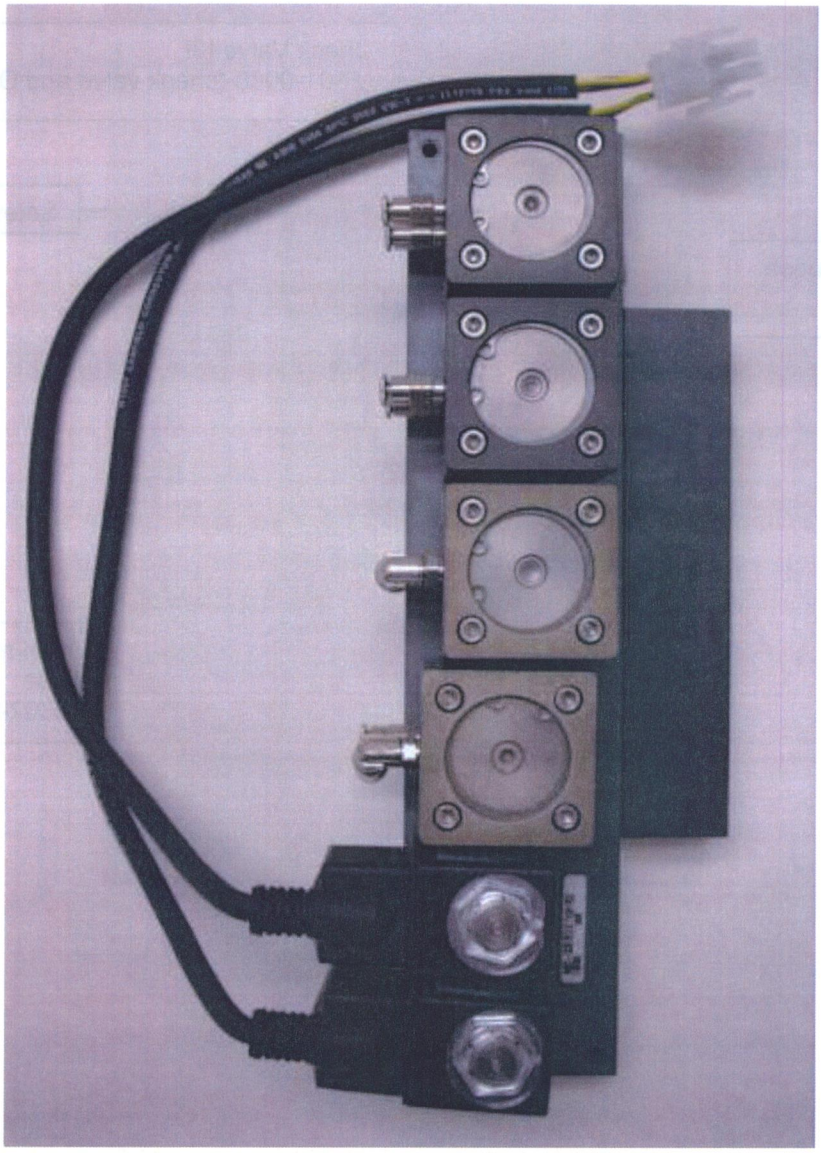
Station B Main Module Assembly ASM1-0115


Air / Valve Manifold 6-Station MM01-0035
Black tubing MT01-0025 Orange Tubing 47509-390
Main Manifold 6-Station ASM1-0117 *See pages 24 - 26 for breakdown parts: MM01-0030*
Pump / Switch Assembly ASM1-0084
Screw: MS05-0042
Adaptor MA01-0073
Elbow ME01-0026
On-Board Pump Rocker Switch MS07-0500
"T" Fitting MT02-0017
Manifold 2-Station ASM1-0086
Adaptor MA01-0049
3-way valve 41600-088
Reducer 47509-251 Coupling MC07-0028
Nipple MN01-0015
Elbow ME01-0026 Adaptor MA01-0049 Barber adpt MC07-0021
Flow Sensor ASM1-0098
Regulator Assembly ASM1-0085
Small tubing MT01-0026
Check valves MV01-0039
Bleeder Elbow 47049-405 B-side Only
Connector MC07-0015

B-side Air Compressor Assy: ASM1-0111 Compressor Only: MC04-0000 Pins for Compressor: Male:30597-211 Female:30597-212	Inlet water connector (from .2 mic filter) MC07-0011	Disinfectant Pump Assy: 78398-467 Dis Pump only no fittings: 41600-193 Dis Pump Pins/Connector: 30597-211/MH03-0002 Dis Pump Head replacement kit:47049-193

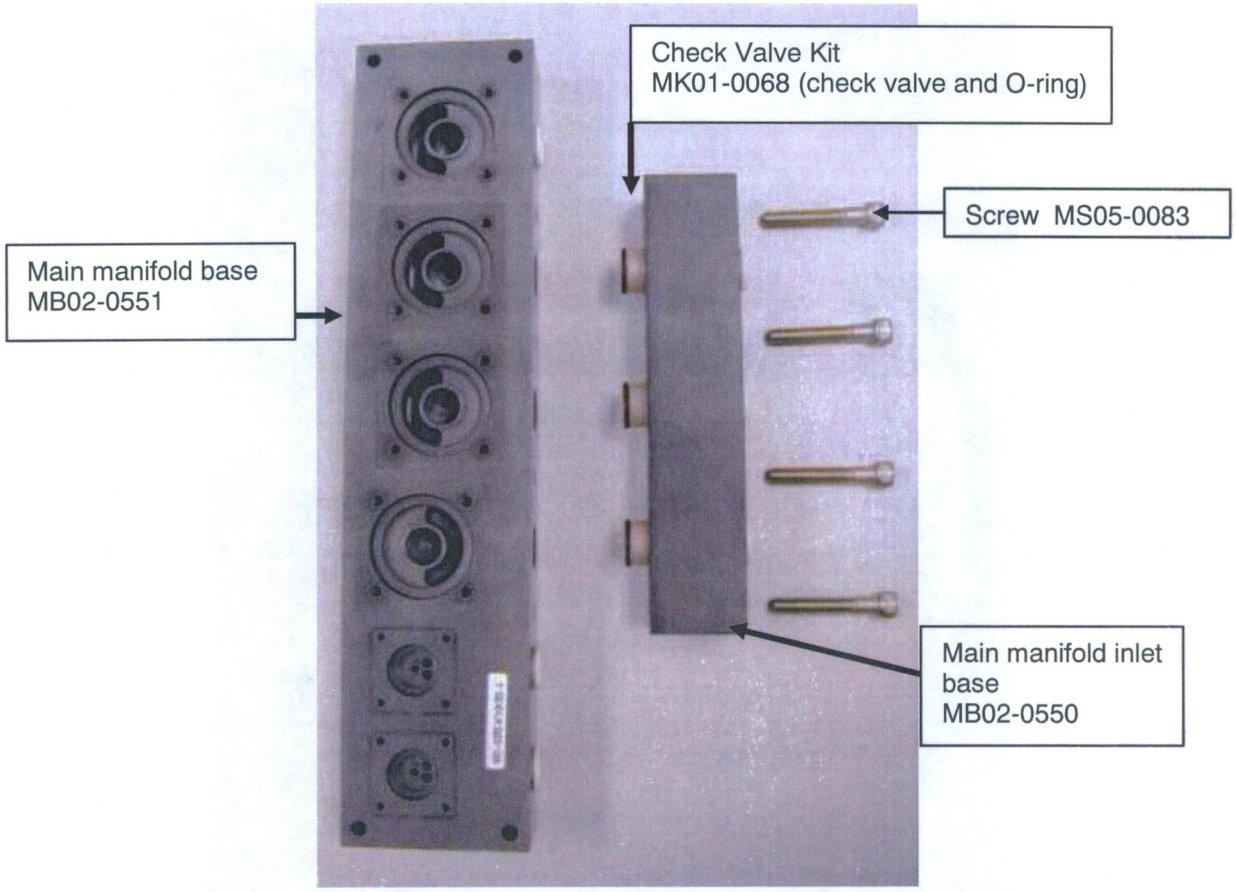
Main 6 Valve Manifold MM01-0030

(Includes all items pictured on this assembly)

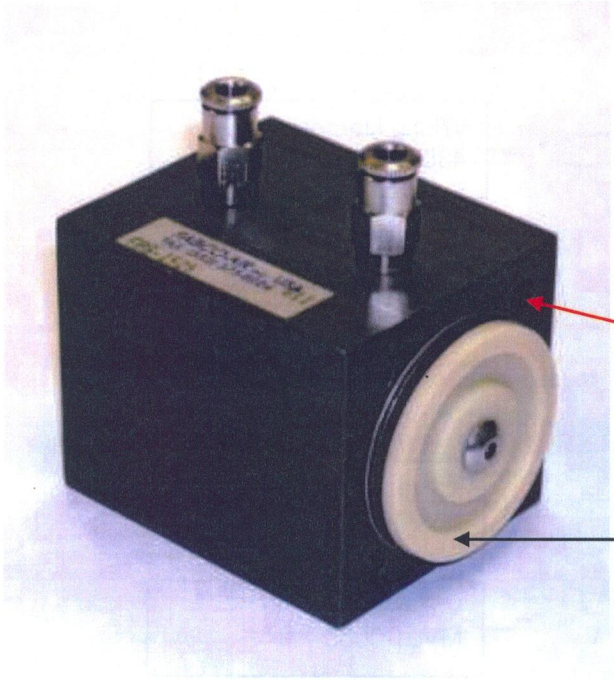


Breakdown Of Main 6 Valve Manifold

MM01-0030


Check Valve Kit
MK01-0068 (check valve and O-ring)
Screw MS05-0083
Main manifold base
MB02-0551
Main manifold inlet
base
MB02-0550

Pneumatic Valve Assembly

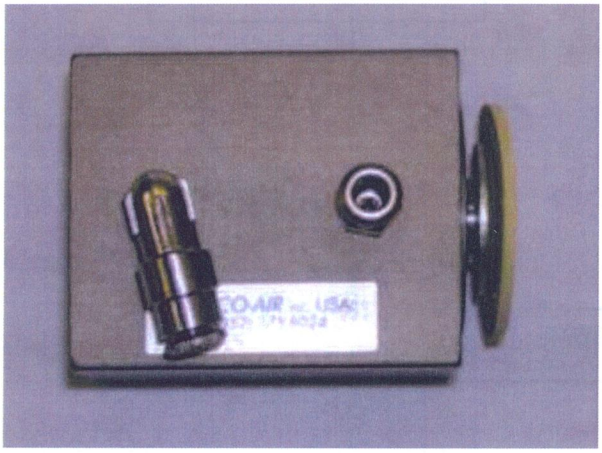


Valve block assy
With straight
connections
41600-123

Screw: MS05-0085
Holds valve to manifold

Valve seal kit
78398-538
Contains:
4 Seals
4 Screws
Tube of Loctite

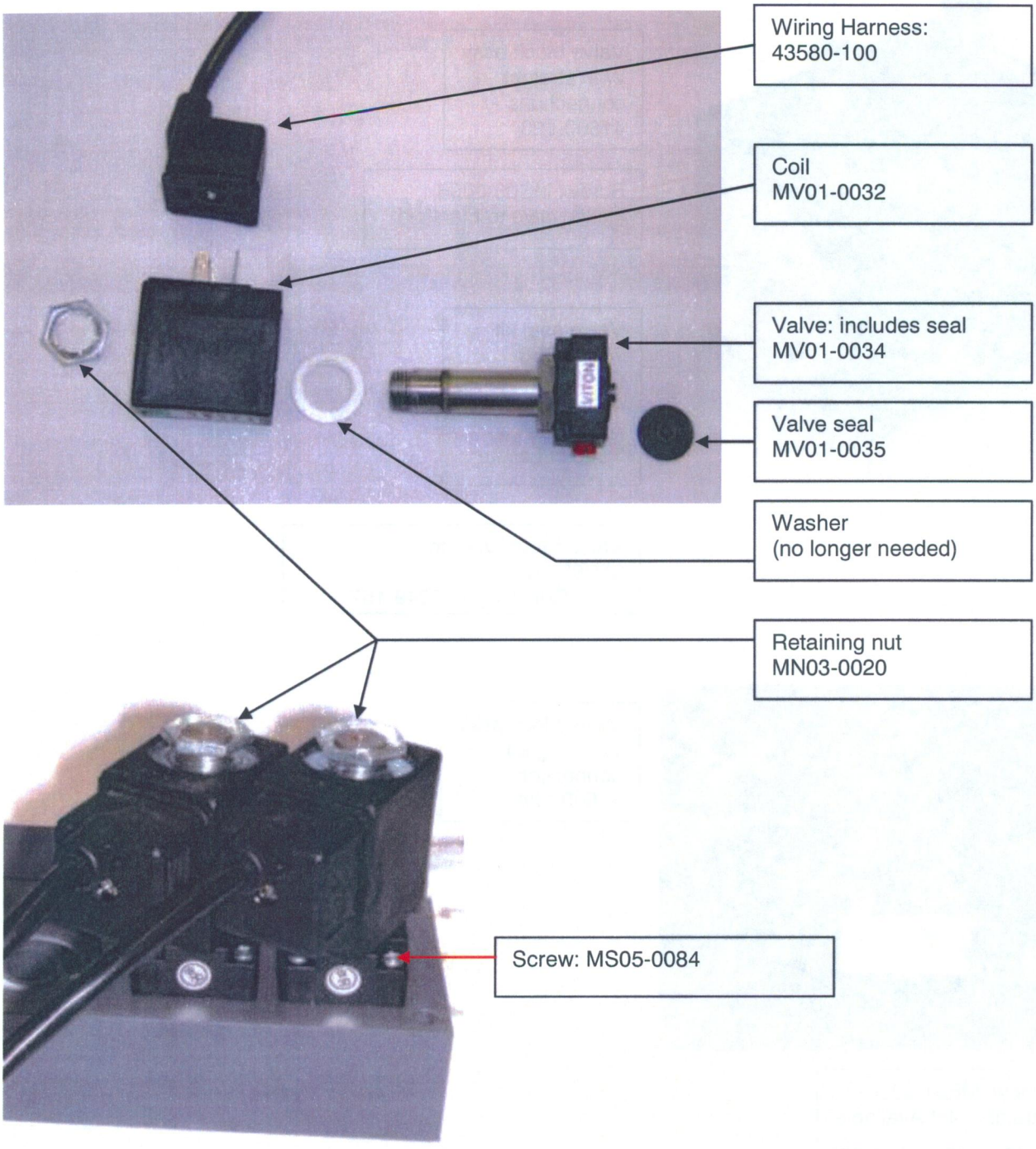
Valve Stem Wrench
MW03-0002
John Guest Tool 47049-157



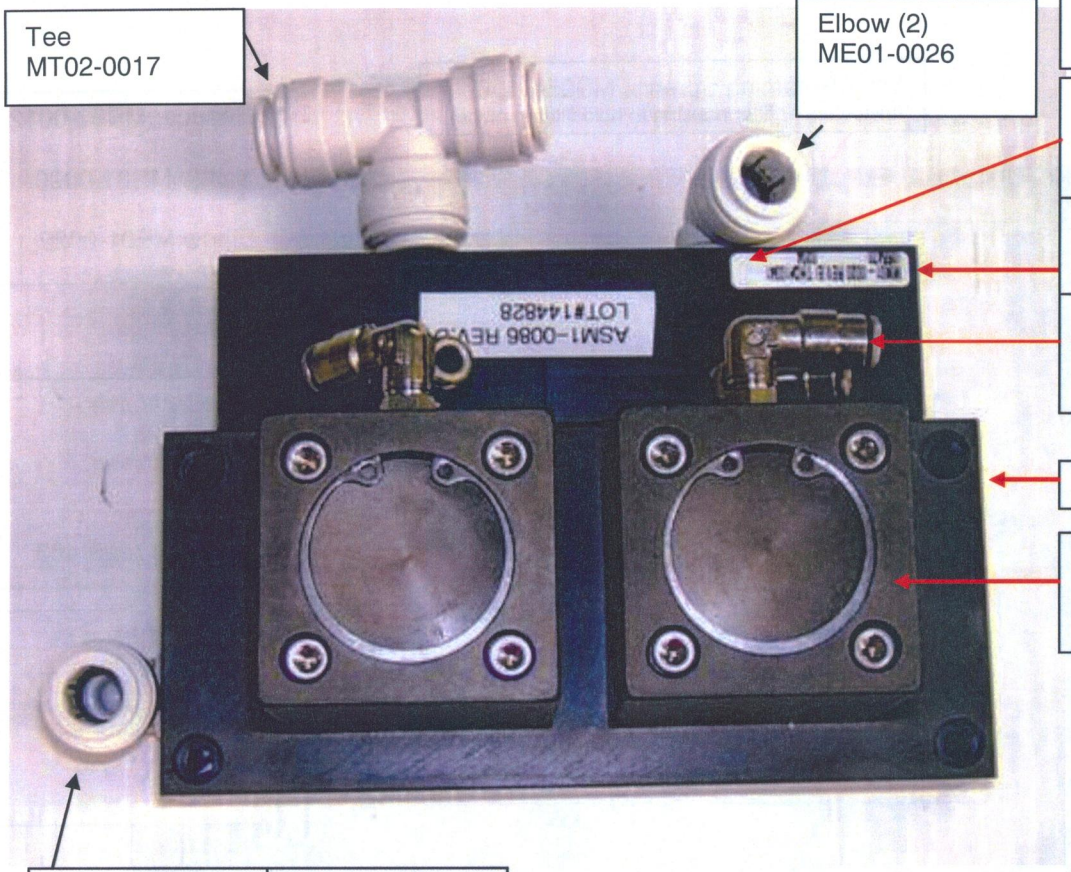
Valve block assy
With angled
connection
41600-124

Elbow: ME01-0033
Straight: Not Available

Alcohol / Detergent Valves

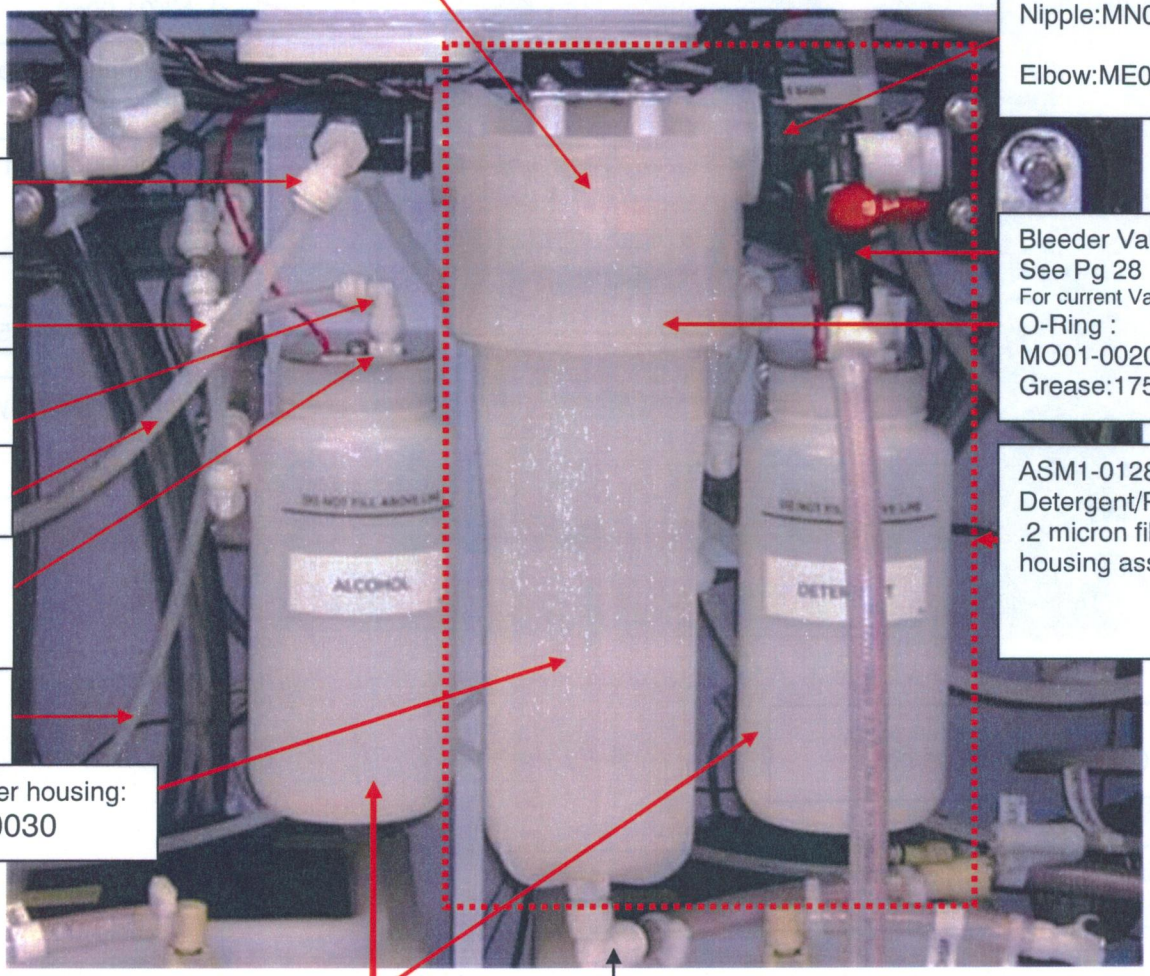


2 Valve Manifold ASM1-0086



Alcohol / Detergent and internal .2 Micron water filter Assembly

ASM1-0127: This is the Alcohol & Pump assembly
ASM1-0128: This is the Detergent & Pump and .2 micron filter assembly
ASM1-0166: This is the Alcohol/Detergent bottle sub assembly used on the above assemblies.
The .2 micron filter water housing does not have a sub-assembly part number.



Filter Retaining Screws: MS05-0100
(Inside upper filter housing to hold filter in place)

Reducer:MR02-0012

Nipple:MN01-0000

Elbow:ME01-0022

Elbow
ME01-0026

Tee
MT02-0023

Elbow
ME01-0037

Tubing
MT01-0024

Connector
(Screws into Cap)
MA01-0070

Tubing
MT01-0026

Water filter housing:
MH03-0030

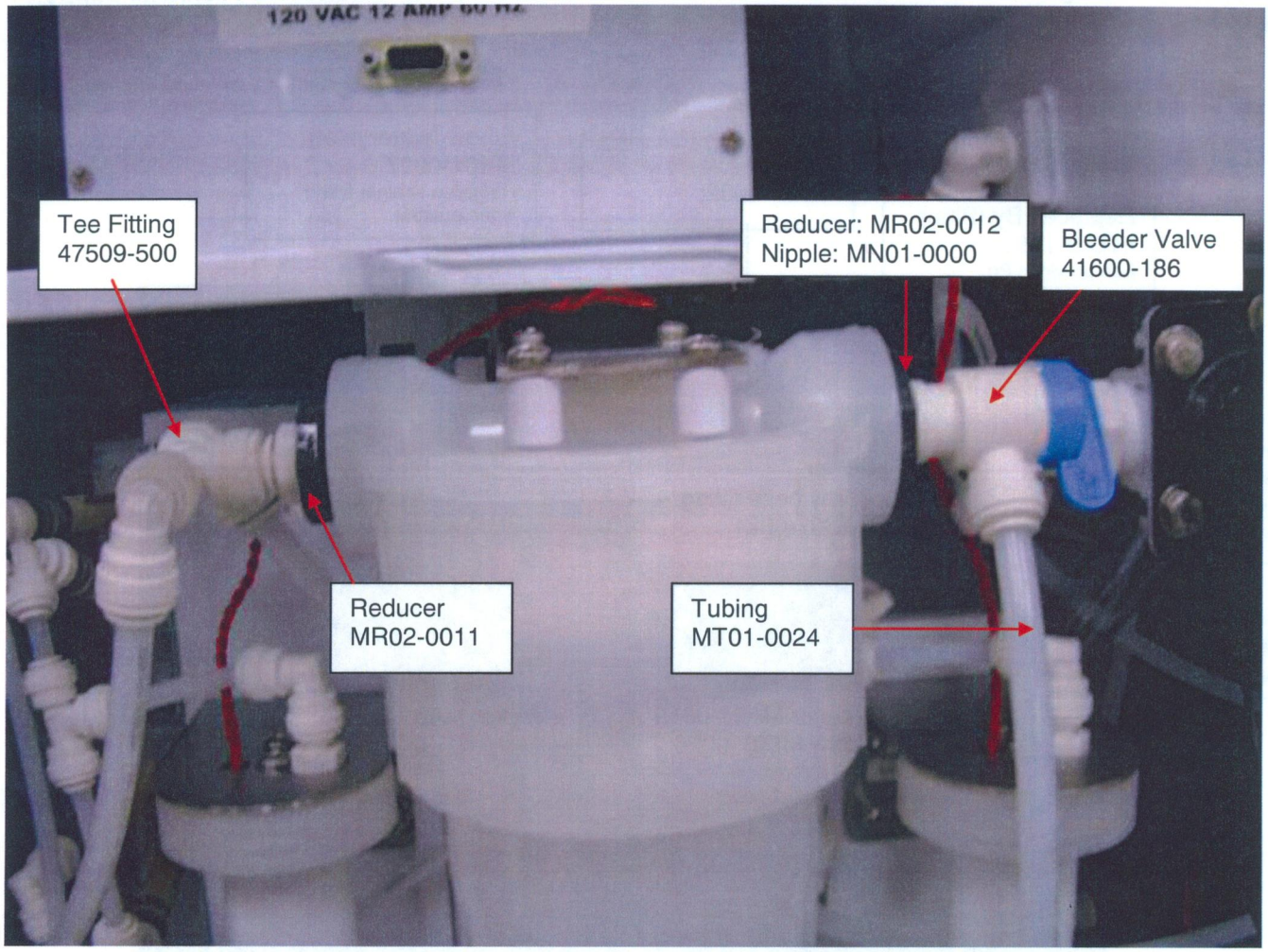
Bleeder Valve:
See Pg 28
For current Valve
O-Ring :
MO01-0020
Grease:17599-463

ASM1-0128
Detergent/Pump &
.2 micron filter
housing assembly

ASM1-0166
Alcohol or Detergent
bottle sub-assembly

Elbow & Fitting ME01-0028
Elbow ONLY ME01-0027
Adaptor Housing to Elbow
MA01-0076
3/8" adaptor w/Barbed fitting: MC07-0021

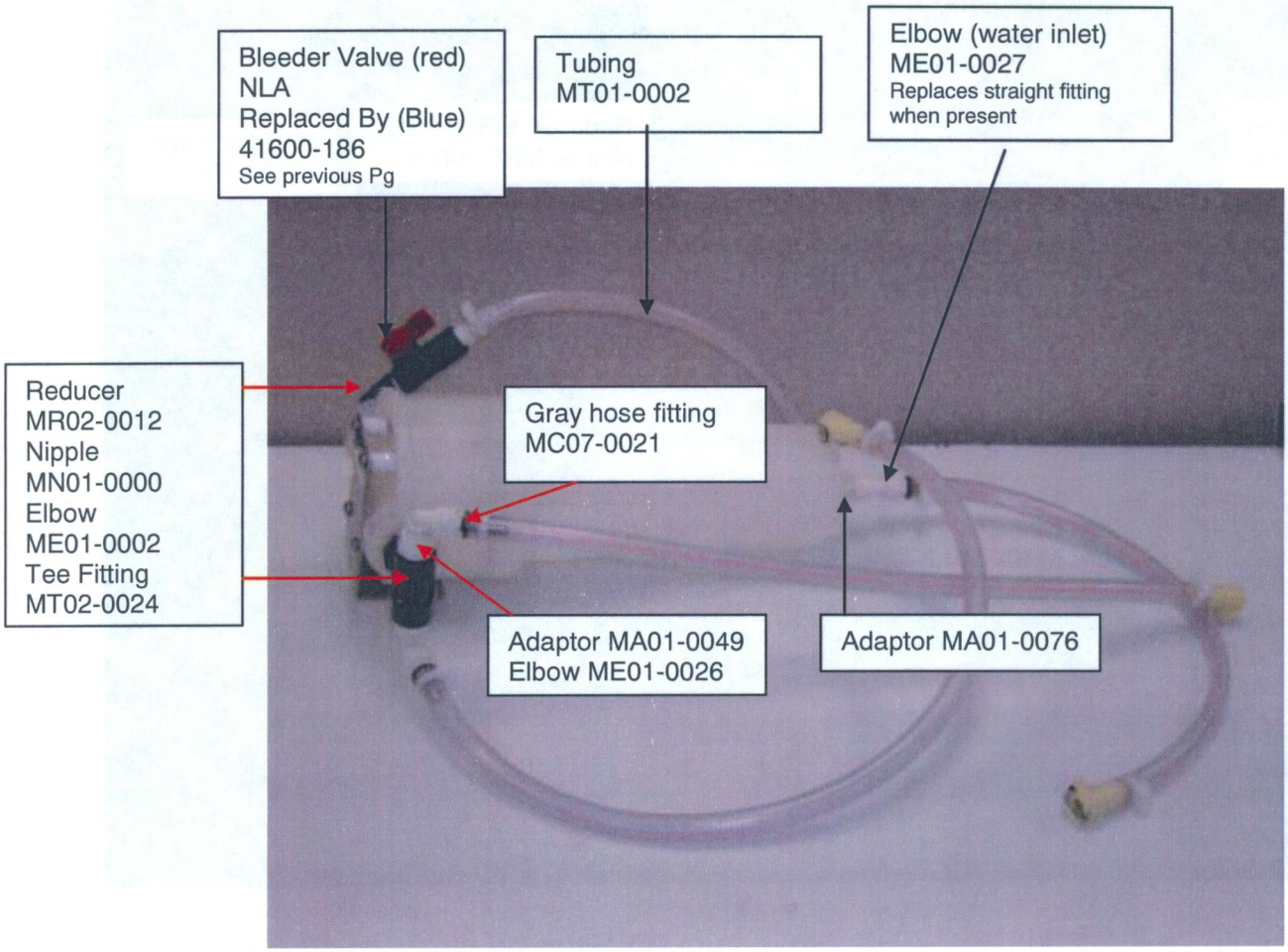
Water Filter Housing, Blue Bleeder



Plastic Filter Housing: MK01-0071
Replacement for Stainless Steel Filter housing

Other parts Needed: **ME01-0027 Qty 1**
MT01-0024 Qty 4 Ft Tubing

MK01-0071 is designed for the DSD-91E. To install in the DSD-201, contact Medivators Technical Support @ 800-444-4729.



Alcohol / Detergent Bottle Sub-Assembly
ASM1-0166

Alcohol/Detergent
Receptacle
MR06-0004

Alcohol / Detergent Cap
MC06-0511

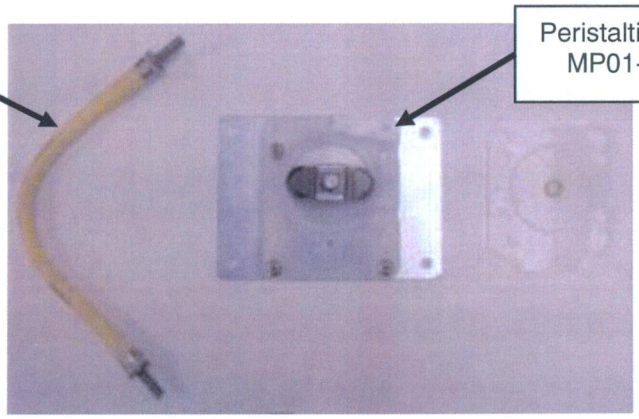
Float Sensor
Wiring Connector
MH03-0031
Pins
MP05-0011

Alcohol / Detergent
Float Sensor
MS03-0011

Check Valve (Red)
MV01-0040

Peristaltic Pump

Peristaltic Pump
Tube Set (4)
MT01-0500

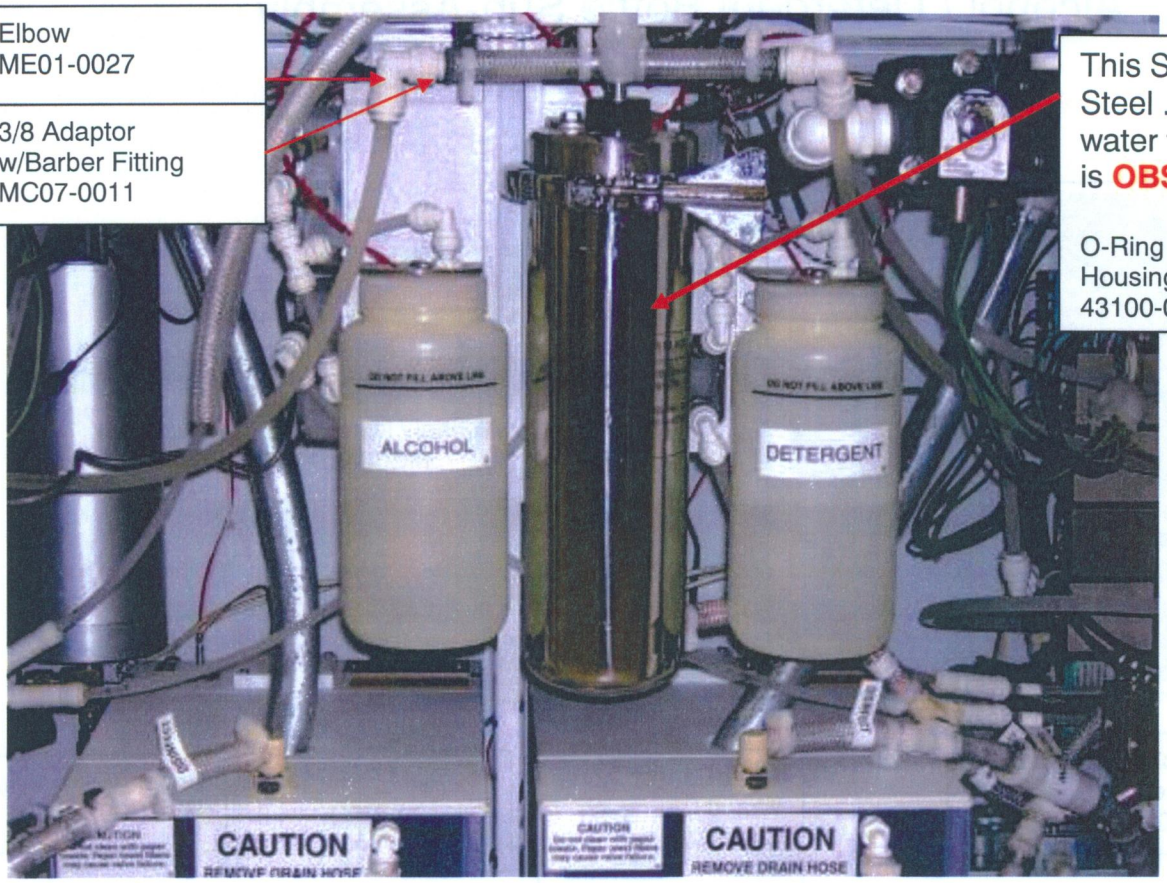


Peristaltic Pump
MP01-0013

Original internal water filter housing OBSOLETE

Elbow
ME01-0027

3/8 Adaptor
w/Barber Fitting
MC07-0011



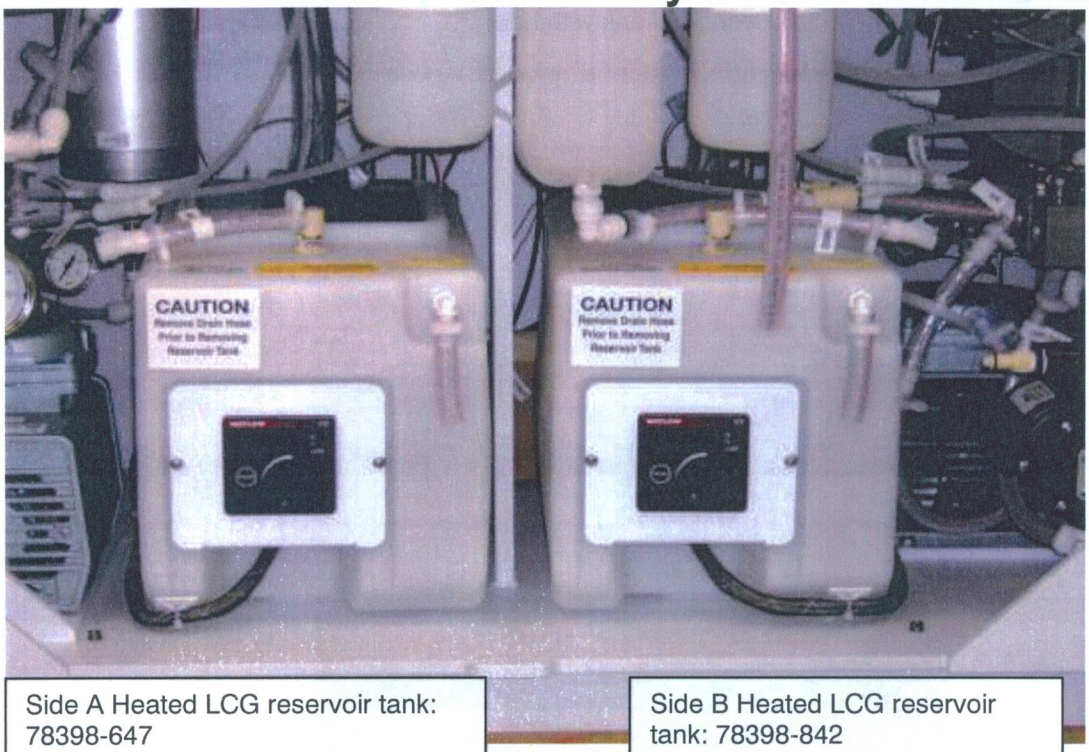
This Stainless Steel .2 micron water filter housing is **OBSOLETE**.

O-Ring for This Housing:
43100-091

Original LCG Reservoir Assembly OBSOLETE

Reservoir tank with heat

LCG Reservoir Assembly - Second Generation



Side A Heated LCG reservoir tank: 78398-647

Side B Heated LCG reservoir tank: 78398-842

Male CPC Elbow
ME01-0018
Female CPC Connector
47509-374
Uptake Tube
78399-249

Caution label
(remove drain hose)
67198-532

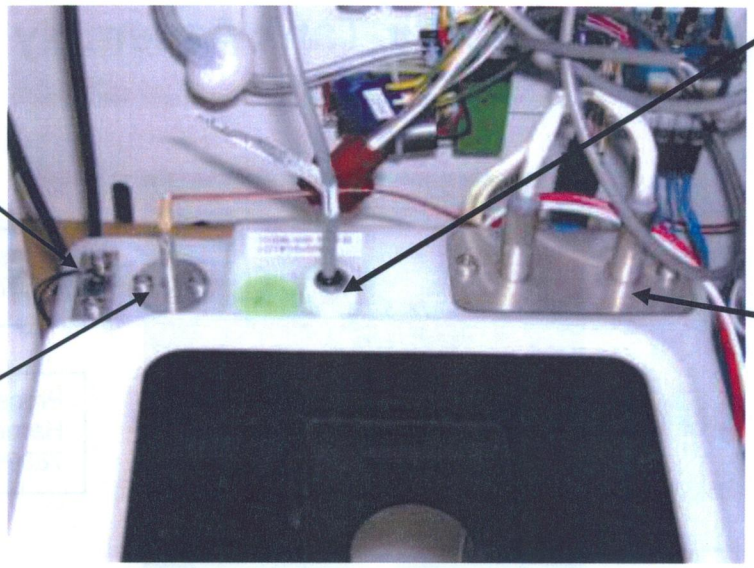
Digital temperature controller
39500-020

Digital Temp Control Kit
(Includes mounting Hardware)
78399-131

Control Knob
39500-065

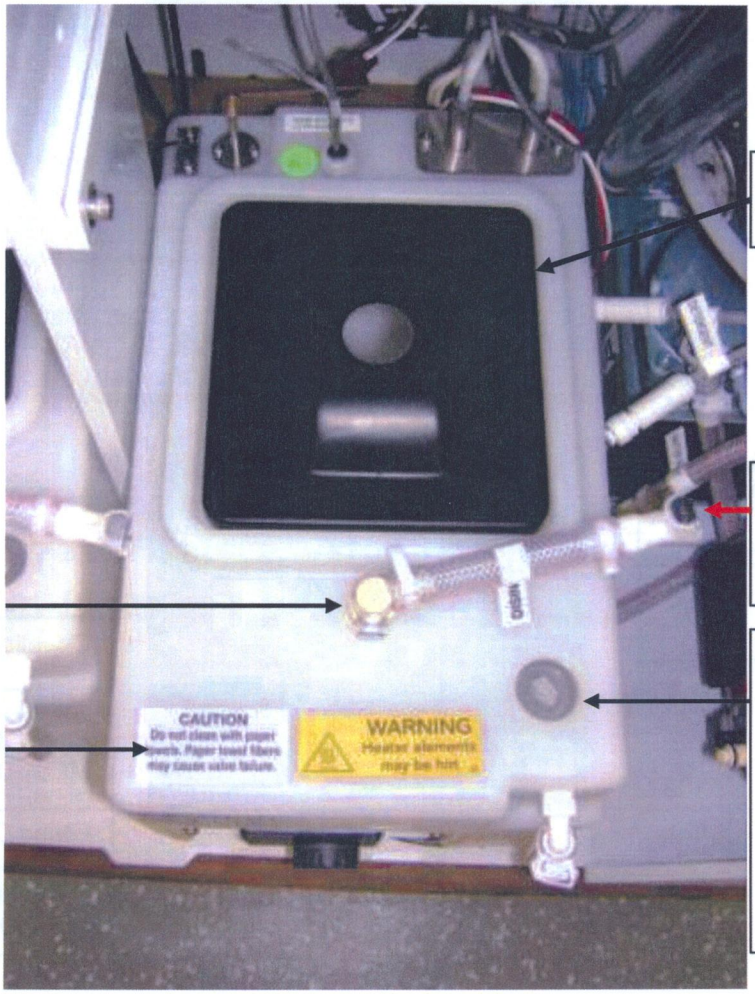
Reservoir Thermistor MT01-0500 (sends LCG temp in tank to CPU)

Temp probe MP09-0000 Feeds back to temp controller



LCG Float level sensor 35548-039 Nut 42600-018

Heater coil 39500-021



LCG reservoir lid 75227-345

In-line coupling (Red): 47509-419 In-line coupling (White): MC07-0022

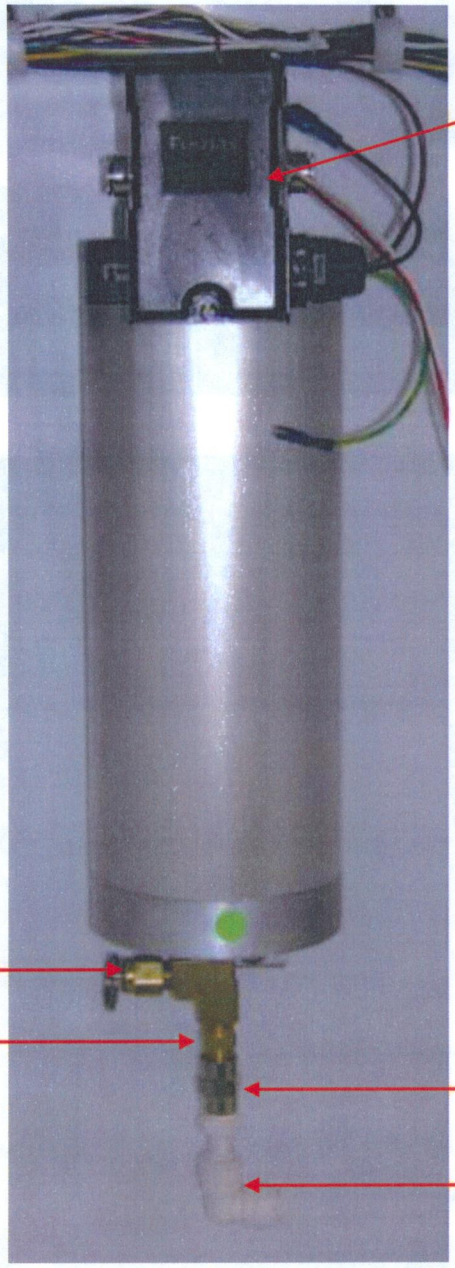
Elbow connector: ME01-0018

Caution label (paper towels) 67198-533

Snap on lid 43086-000 (provides access for testing LCG)

NOT PICTURED: Test Strip catch 47049-502

MT03-0023 Air Tank Assembly



Pressure Switch
MS07-0508

Pressure Switch Wire
Harness Kit
78398-481

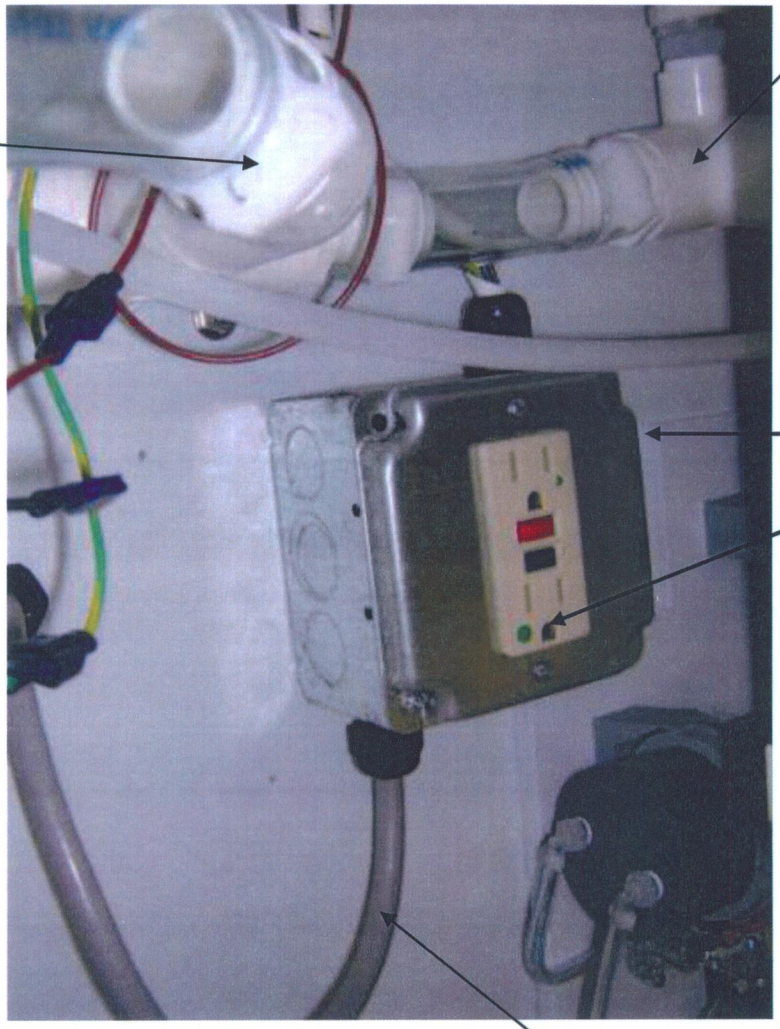
Pressure Relief Valve
MV01-0038

Check Valve
MV01-0027

Coupling: MA01-0067

Elbow & Threaded Fitting
ME01-0028
Elbow Only: ME01-0027
Fitting Only: MA01-0076
Early model DSD's may have a Tee fitting here P/N:
MT02-0023

GFI Assembly



Drain Manifold
ASM1-0050

External Drain Parts
Braided hose 1"
MT01-0001
90 Elbow
ME01-0035

Drain Assy
ASM1-0102
B-side Only

Elbow – Drain
ME01-0022
A-side Only

GFI assembly
ASM1-0087

GFI receptacle
MR06-0003

Power cord assembly 110V
ASM1-0203

Cord 110V MC01-0002

Other items not pictured

External water Regulator & Gauge

Regulator: MR01-0005
Gauge: MG01-0001

External Water pre-filtration kit:

78399-991 – Includes installation hose and Regulator

DSD Drain Hose: MT01-0001

MEDIVATORS®
A Minntech Corporation Business Group

Minntech Corporation
14605 28th Avenue North
Minneapolis MN 55447
Tel: +1-763-553-3300
Fax: +1-763-553-3387
www.minntech.com

Minntech Asia/Pacific Pte Ltd
438 Alexandra Road
#03-01 Alexandra Point
Singapore 119958
Tel: +65-6227-9698
Fax: +65-6225-6848

Minntech BV
Sourethweg 11
6422 PC Heerlen
The Netherlands
Tel: +31-45-5-471-471
Fax: +31-45-5-429-695

Minntech China, Rep. Office
Room 1508B, Avic Plaza
No. 10 Yi Dongsanhuan Zhonglu
Chaoyang District,
Beijing 100022 China
Tel: +86-10-6567-8446
Fax: +86-10-6567-8445